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THE
ONTARIO, WATER RESOURCES
COMMISSION



GROUND WATER IN ONTARIO

1953 and 1954

GROUND WATER BULLETIN NO. 1

1961



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THE ONTARIO WATER RESOURCES COMMISSION

GROUND WATER IN ONTARIO, 1953 and 1954

Prepared under the direction of

A. K. WATT

DIRECTOR, WATER RESOURCES DIVISION

GROUND WATER BULLETIN NO. 1

A. M. SNIDER

Chairman

A. E. BERRY

General Manager

801 BAY STREET, TORONTO, ONTARIO.

1961

A. M. Snider, Esq.,
Chairman,
Ontario Water Resources Commission,
801 Bay Street,
Toronto 5, Ontario.

Dear Sir:

It is with pleasure that I present to you
and the other Commissioners of the Ontario Water
Resources Commission this, the first Ground Water
Bulletin of the Commission.

Yours sincerely,

A. E. Berry
General Manager.

Ontario Water Resources Commission
Toronto, 1961.

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TEST DRILLING WITH ROTARY EQUIPMENT
NEAR BROOKLIN, ONTARIO.

GROUND WATER IN ONTARIO, 1953 AND 1954

BY

A. K. WATT

INTRODUCTION

This is the fourth in a series of reports in which basic hydrological data are assembled on ground-water conditions in Ontario. The three previous reports¹ dealt with data collected in the period 1947-1952. This report is a compilation of data assembled in the two-year period, 1953 and 1954, by the Ontario Department of Mines.

The well data are being referred to constantly by individuals interested in ground water conditions in areas where wells are to be drilled by drillers who are interested in hydrological conditions in other areas than where they normally operate; by town planners; engineers and geologists who are searching for major aquifers to supply municipalities with ground water and by engineers and geologists who are seeking favourable sites for gravel pits, quarries and other deposits of economic value. To all of these the nature, thickness and hydrologic properties of overburden and bedrock formations must be known. Although well data are now published for the period 1947 to 1954, information on wells drilled in the interval from 1955 to 1961 is available for reference only in the offices of the Ontario Water Resources Commission, Ground Water Branch.

The form of this publication has been changed from the three previous ones. In April, 1957, the ground-water personnel of the Ontario Department of Mines were transferred to the Ontario Water Resources Commission to form the Ground Water Branch of the Commission. In order to accelerate the compilation and publishing of well data a new format has been adopted for this bulletin.

The bulletin repeats some of the information contained in previous reports. This has been done where it was felt the information was needed as important reference material for the new assembled data.

Acknowledgments

The assistance of many private individuals and municipal officials and employees in the observation well programme is gratefully acknowledged. The regular taking of water levels and the supervision of water level recording instruments by these persons without remuneration is a tribute to their public spiritedness.

The water well drillers filed with the Department of Mines records of well logs and water data and in so doing played an important part in the assembly of valuable hydrologic data.

1. Ground Water in Ontario, 1947, Ont. Dept. Mines. Vol. LX, 1951, pt. 11
Ground Water in Ontario, 1948, 1949, and 1950, Ont. Dept. Mines, Bull. 145, 1953.

Ground Water in Ontario, 1951 and 1952, Ont. Dept. Mines, Bull. 152, 1957.

GEOGRAPHY

Topography

Ontario has three main physiographic regions. Most of the area lying north of lines drawn rather irregularly from Midland to Kingston and from Brockville to Pembroke is part of the large physiographic region known as the Precambrian, or Canadian, Shield. The elevation is seldom high, but in places, has an extremely rugged profile.

From the low, swampy areas bordering the south and west shores of James Bay and Hudson Bay the land surface rises gently to a height-of-land north of Lake Superior, which extends in a general east-west direction. The elevation of this height-of-land ranges from 1,000 to 2,100 feet above sea level. The maximum elevation is reached just northeast of Lake Superior.

South of the Precambrian Shield is the St. Lawrence Lowlands, which may be further subdivided into the Ontario Lowland and the Ontario Upland. The Ontario Lowland extends from the eastern counties of Prescott and Glengarry westward to the Niagara escarpment. There is a maximum relief of about 1,000 feet, which is reached in the hilly interlobate moraine areas where it adjoined the escarpment.

The Niagara escarpment marks the boundary between the Ontario Lowland and the Ontario Upland. It is a striking topographic feature, owing its form to the bedrock of dense, white-weathering dolomite underlain by softer shales and dolomites. Differential erosion of these rocks through the ages has resulted in precipitous cliffs rising from the lowlands to heights of more than 200 feet. The land surface dips regionally to the west and south, away from the escarpment, towards Lake Huron and Erie. The highest elevation of the Uplands is in Dufferin and Grey counties where heights of between 1,700 and 1,800 feet above sea level are reached in several places.

Over all Ontario a variety of glacial forms such as recessional moraines, kames, deltas, eskers, and drumlins contribute to the variations in relief within the main physiographic regions.

Drainage

The total area of Ontario is 412,582 square miles of which 11.9 percent is fresh-water lakes and rivers. Most of these are located in the Precambrian Shield area. Of great importance to the province, is the Great Lakes-St. Lawrence River System, which has a drainage basin of over 350,000 square miles.

The lake levels vary from one to three feet during the year. The lowest levels are recorded in the winter; the highest, in most cases, in the summer and fall. Monthly mean elevations for some of the Great Lakes are listed in Table V shown in Appendix D.

Climate

The climatic conditions and geological structure of an area largely determine its hydrologic characteristics. If the climatic factors, precipitation, temperature, wind, and sunshine, and their hydrologic results are observed over a sufficiently long period a fairly accurate assumption of future climatic and hydrologic conditions can be made.

Tables VI and VII shown in Appendix D have been prepared from data published by the Meteorological Service of the Canadian Department of Transport and show temperature and precipitation data for a number of selected meteorological stations in the province.

Agriculture

Many farmers and settlers continued to take advantage of the financial assistance provided by the Department of Agriculture in locating water supplies in Northern Ontario. Subsidies were equal to 50 percent of the cost over \$200.00 involved in locating a water supply with a maximum payment of \$300.00. Subsidy payments in 1953 totalled \$21,792.23 to 122 farmers, and in 1954 totalled \$38,346.31 to 177 farmers.¹ Details of the assistance are shown in Table IV.

TABLE I - ASSISTANCE GIVEN TO FARMERS AND SETTLERS IN PROCURING WATER SUPPLIES

District	No. Asstd.	Water Supply			Total Cost	Avg. Cost per Unit	Total Subsidy	Avg. Subsidy
		Drilled Wells	Dug Wells	Other Sour- ces				
ALGOMA								
Year ending March 31, 1953	4	2		2	2449.40	612.35	706.19	176.55
Year ending March 31, 1954	8	4		4	14911.66	613.58	1555.39	194.42
COCHRANE								
Year ending March 31, 1953	62	39	10	13	37991.51	612.77	11822.70	190.69
Year ending March 31, 1954	64	48	7	9	43979.23	687.18	13357.54	208.71
MANITOULIN								
Year ending March 31, 1953	2	2			550.25	275.13	75.12	37.56
Year ending March 31, 1954	3	1	1	1	1621.76	540.59	470.25	156.75
MUSKOKA								
Year ending March 31, 1953	2	1		1	995.98	497.99	297.99	148.99
Year ending March 31, 1954	2			2	1686.25	843.12	600.00	300.00
NIPISSING								
Year ending March 31, 1953	8	8			4150.95	518.87	1270.97	158.87
Year ending March 31, 1954	17	8	3	6	10553.74	620.80	3360.57	197.68
PARRY SOUND								
Year ending March 31, 1953	1			1	1150.23	1150.23	300.00	300.00
Year ending March 31, 1954	2			2	1182.60	591.30	391.29	195.65
RAINY RIVER								
Year ending March 31, 1953	3	2	1		1038.25	346.08	219.12	73.04
Year ending March 31, 1954	2	2			823.57	414.29	214.28	107.14
SUDBURY								
Year ending March 31, 1953	14	9	3	2	7792.94	556.64	2419.36	172.81
Year ending March 31, 1954	11	1	6	4	6473.05	587.55	2116.20	192.38
TEMISKAMING								
Year ending March 31, 1953	9	7	2		6507.26	723.03	1955.84	217.32
Year ending March 31, 1954	40	40			31093.90	777.35	10551.67	263.79
THUNDER BAY								
Year ending March 31, 1953	17	6	9	2	9111.02	535.94	2724.94	160.29
Year ending March 31, 1954	28	18	6	4	19195.43	685.55	5729.12	204.61

1. Ont. Dept. Agric. Reports for the year ending March 31st, 1953, and March 31st, 1954.

Population

The assessed population of Ontario in 1954 was 4,841,887 ¹, an increase of almost 8 percent over the 1952 figures.

GROUND WATER

Source

Ground water occurs everywhere at varying depths below the surface of the ground. Its source is precipitation--rain and snow. Approximately one third of the precipitation in any area becomes available as surface run off and ground water. ² The rest is returned to the atmosphere by evaporation from the soil and vegetation and by transpiration. Precipitation averages over thirty inches annually in most parts of Ontario. One third of this amounts to 145 million gallons on each square mile of land surface. Perhaps one half of this is available as ground water before it discharges to a stream or lake. In sandy areas the rate of infiltration will be high in comparison with clay areas where there is a higher proportion of direct run off.

Numerous factors, such as the amount and intensity of rainfall, nature of soil and vegetation, slope of land surface, and wind and temperature conditions are important to an understanding of the amount of precipitation that may become ground water. Before large withdrawals of ground water are planned in an area an attempt should be made to estimate the average perennial recharge to the aquifer. If this is done, aquifers will not be dried up nor costly pumping installations wasted.

Aquifer Conditions

A water-bearing formation that will yield the water to a well in desirable quantities is called an aquifer. However, if the water-saturated materials are clay, silt and fine sand, it is difficult to extract sufficient water by means of a well. Such fine soil particles may hold great quantities of water but have such a low permeability that ground water will not move through them into a well quickly enough to meet normal household requirements.

Coarse, well sorted, sand and gravel make excellent aquifers. Rock formations that are well fractured or contain numerous solution channels in them are also good water-yielding formations. Frequently, saturated lenses of sand or gravel occur close to the surface of the ground being sustained above the water table by a clay or silt layer. More than one of these may be present in an area above the main saturated zone. Dug wells frequently reach only this upper, perched water table which is subject to considerable fluctuation in water level and may even dry up completely in the late summer and fall of each year.

1. Municipal Directory, 1954, Department of Municipal Affairs.

2. L.B. Leopold, "Water and the Conservation Movement." G.S.C.402, Washington, D.C.

TABLE II- OBSERVATION WELLS MEASURED IN 1953 AND 1954 BY THE ONTARIO DEPARTMENT OF MINES

Location	Well No.	Well Located on Property owned by	Water Levels Measured by	Dates		Well Depth	Aquifer
				Measurements Commenced	Measurements Discontinued		
CARLETON COUNTY: Ottawa Central Experimental Farm	73	Canadian Dept. Agriculture	F.W.Baker	Oct. 4, 1946		13	Over- burden
DUFFERIN COUNTY: East Luther Twp. Con.IV lot 29	46	I.Potter	I.Potter	Nov.27, 1953		35	Sand
HALDIMAND COUNTY: North Cayuga Twp. Jones tract, lot 23	5	Canadian Dept. of Transport	C.W.Beckerson	Jun.29, 1946		125	Lime- stone
North Cayuga Twp. Jones tract, lot 23	64	Canadian Dept. of Transport	C.W.Beckerson	Apr.15, 1954		100	Lime- stone
HALTON COUNTY: Trafalgar Twp. Con.III, lot 14	38	C.Wilson	C.Wilson	Sep.14, 1946		12½	Over- burden
LAMBTON COUNTY: Forest	56	Forest Public Utilities Comm.	S.Ellerker	Nov.28, 1946		110	Sand, gravel
MIDDLESEX COUNTY: London, Adelaide St.	15	London Public Utilities Comm.	O.W.Logan	Jul.30, 1946		40	Sand, gravel
Westminster Twp. Con.II, lot 48 "Adair"	16	London Public Utilities Comm.	O.W.Logan	Jul.30, 1946		94	Sand, gravel
Westminster Twp. Con.II, lot 48 "Uptigrove"	29	G.Uptigrove	O.W.Logan	Jan.24, 1952		96	Sand, gravel
NORFOLK COUNTY: Simcoe	25	Simcoe Public Utilities Comm.	G.E.Maxwell	Oct. 1, 1954		45	Gravel
OXFORD COUNTY: West Oxford Twp. Con.III, lot 2	13	Woodstock Public Utilities Comm.	N.Corp	Jul. 5, 1946		75	Gravel

TABLE II- OBSERVATION WELLS MEASURED IN 1933 AND 1934 BY THE ONTARIO DEPARTMENT OF MINES - continued

Location	Well No.	Well Located on Property owned by	Water Levels Measured by	Dates		Well Depth	Aquifer
				Measurements Commenced	Measurements Discontinued		
PEEL COUNTY: Brampton	18	Dale Estate, Ltd.	A.K. Watt	Apr. 18, 1952		30	Overburden Sand, gravel
Toronto Twp. Range III, CIR, lot 12	65	JA/OM Schnick	O.M. Schnick	Jun. 4, 1954		27	Sand, gravel
Toronto Twp. Range III, CIR, lot 12	69	Sherman Sand and Gravel Ltd.	D. Sherman	Jul. 26, 1954		42	Sand, gravel
Toronto Twp. Range III, CIR, lot 12	70	Sherman Sand and Gravel Ltd.	D. Sherman	Jul. 26, 1954		30	Sand, gravel
PERTH COUNTY: Stratford	19	Stratford Public Utilities Comm.	Employees of Public Utilities Commission R.C.A.F. personnel	Oct. 26, 1946		350	Limestone
Blanshard Twp. West Boundary con, lot 11	44	Canadian Dept. of National Defense		Oct. 7, 1952		37½	Sand, gravel
SIMCOE COUNTY: Angus	7	Ontario Dept. of Lands and Forests (seed plant)	E.A. Lewis	Jun. 6, 1950		20	Sand
THUNDER BAY DISTRICT: Paipoonge Twp. Con. II, lot 13	74	C. Hanna	J.K. Knights	Jun. 3, 1948		30	Sand
WATERLOO COUNTY: Elmira	32	Elmira Public Utilities Comm.	Employees of Public Utilities Commission	Nov. 30, 1946		118	Sand, gravel
Elmira	33	Elmira Public Utilities Comm.	Employees of Public Utilities Commission	Nov. 30, 1946		59	Sand, gravel
Kitchener, Shoemaker St.	34	Kitchener Public Utilities Comm.	J.S. Leslie	Sep. 11, 1946		370	Dolomite
Kitchener, Shoemaker St.	35	Kitchener Public Utilities Comm.	J.S. Leslie	Sep. 11, 1946		196	Dolomite

TABLE II - OBSERVATION WELLS MEASURED IN 1953 AND 1954 BY THE DEPARTMENT OF MINES - continued

Location	Well No.	Well Located on Property owned by	Water Levels Measured by	Dates		Well Depth	Aquifer
				Measurements Commenced	Measurements Discontinued		
WATERLOO COUNTY-contd. Kitchener Strange St.	59	Kitchener Public Utilities Comm.	E.G.Boeckner	Nov.29,1946		202	Dolomite
WELLAND COUNTY: Humberstone Twp. Con.I, lot 15	2	W.R.Davison	W.R.Davison	Jun.13,1946		32½	Lime- stone
Pelham Twp. Con.VIII, lot 5	3	F.Misener	F.Misener	Jun.13,1946		21	Sand
WELLINGTON COUNTY: Nichol Twp. Con.V, lot 10	43	O.M.McConkey	O.M.McConkey	Jan.10,1953		30	Over- burden
Guelph, (City)	47	Guelph Public Utilities Comm.	H.Theaker	Feb. 4,1954		152	Dolomite
Guelph, (City)	48	Guelph Public Utilities Comm.	H.Theaker	Feb. 4,1954		202	Dolomite
YORK COUNTY: Markham Twp. Con.III, lot 3	6	North York Public Utilities Comm.	W.Gourlay	Sep.13,1951		139	Sand, gravel
North York Twp. Con.III, lot 9	20	Kilmer van Nostrand,Ltd.	I.A.Robertson & A.K.Watt	Aug. 1,1947		211	Over- burden
Etobicoke Twp. Con.II,fronting on the Humber,lot 13	40	Twp.of Etobicoke	S.Parker	Dec. 9,1954		105	Gravel
Etobicoke Twp. Con.II,fronting on the Humber, lot 13	42	Twp.of Etobicoke	S.Parker	Apr.13,1950		105	Sand, Gravel

Drilled and Dug Wells

As a rule a more dependable water supply can be obtained by means of the drilled well which reaches lower aquifers less likely to be affected by seasonal variations in precipitation. The dug well is important, however, in areas where drilled wells are deep and costly to construct, or where only poor quality water is obtained at depth. The larger reservoir of the dug well can store water percolating slowly into the well from low permeable lenses and thus provide sufficient water periodically.

Generally, the dug well is not constructed in a sanitary manner. Contaminated waters occur in a high proportion of them. This is the result of rain water entering the well through cracks or openings at the top where all kinds of contaminated materials exist. Dug wells should be constructed to prevent surface water getting into the well from the top. In addition to the use of watertight materials, the ground surface should slope away from the well top which should be raised above the ground surface.

Observation Wells

The measurement of water levels in wells at regular intervals is an important part of the inventory of our ground-water resources. Along with other data on pumpages and aquifer conditions this information is needed in order to know the amount of ground water available in the aquifer at any time.

Information on ground water levels is especially important to municipalities where the water supply is obtained from wells. Water level measurements should be taken by anyone who is concerned about the amount of ground water available for use in order that a better understanding of the well supply can be obtained.

A slowly dropping static water level may indicate over pumping of the aquifer, less than average precipitation conditions, additional ground-water withdrawals, or reduced recharge because of changing soil or vegetation conditions in the area. A lower pumping level with normal static level indicates a plugging of the openings leading into a well. The plugging could occur in the screen where a well is developed in sand or gravel, or it could occur in the crevices of a rock formation because of the gradual sealing of the openings with a lime or ferruginous scale which has precipitated from the water. In the latter case, the well may be rehabilitated in a variety of ways to remove the scale.

In overburden wells where no screen was used at the time the well was constructed, sand may move up the casing over a period of time and gradually reduce the yield of the well. In this case, also, the static level remains normal but the pumping level is lowered.

At the end of 1952, 24 wells were being used as observation wells. Two additional wells were included in the programme in 1953, and seven in 1954, making a total of 33 observation wells at the end of 1954. Measurements of water-level variations were taken in 10 of the wells by means of automatic recorders, in 21 by hand, and in two by airline.

Table 11 lists the observation wells under the counties in which they are located. Other observation-well data and individual water-level measurements are given in Appendix A. All measurements have been corrected to give the distance between the land surface at the well head and the top of the water in the well.

Water Level Fluctuations

Hydrographs have been prepared showing water-level variations in a number of the wells that have been under observation for several years. Wherever possible, data on such factors as precipitation, pumpages, and stream flow which influence to a greater or lesser degree adjacent observation wells, are included in the hydrographs.

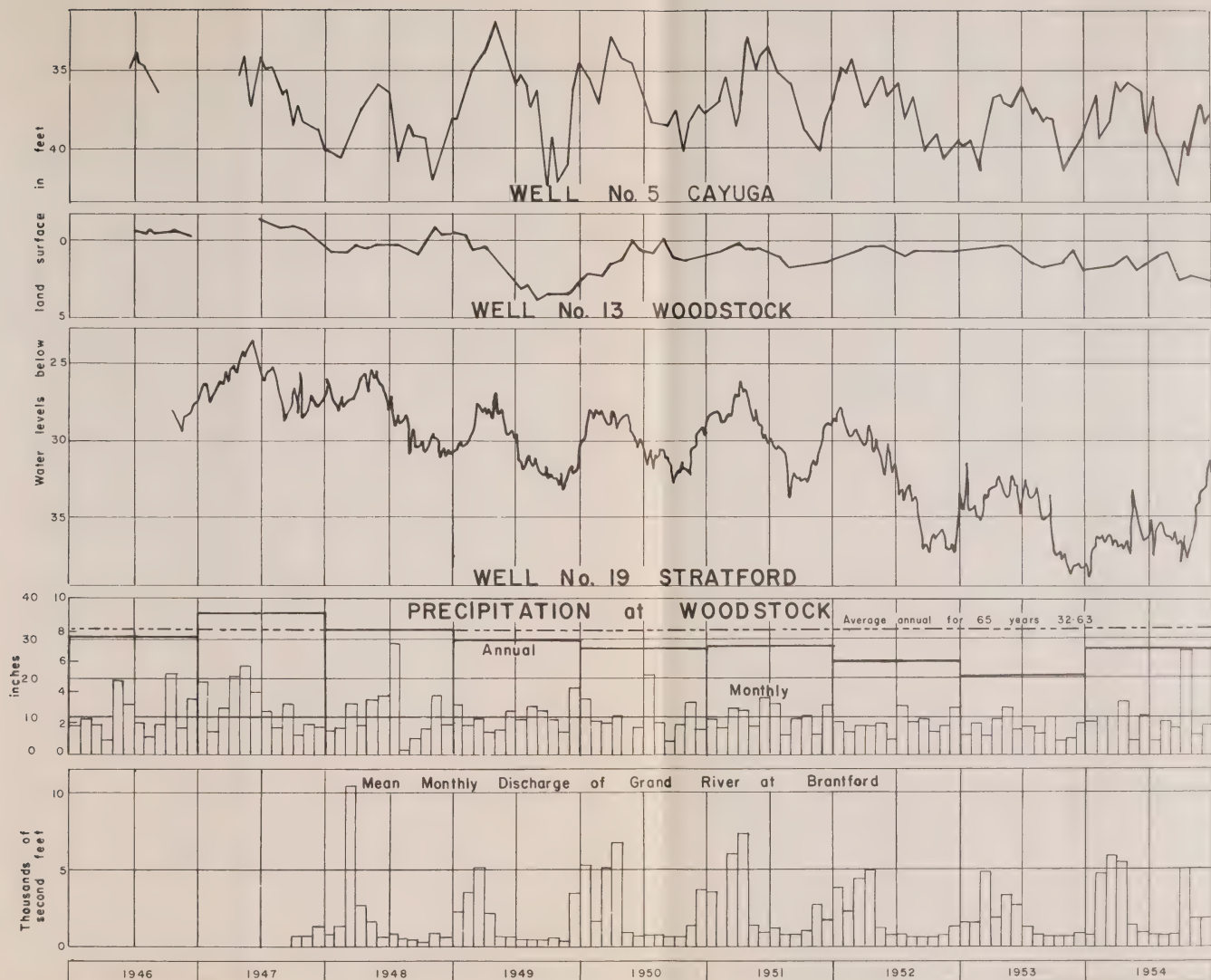


Fig.1. Hydrographs of Water Levels in Observation Wells at Cayuga , Woodstock and Stratford

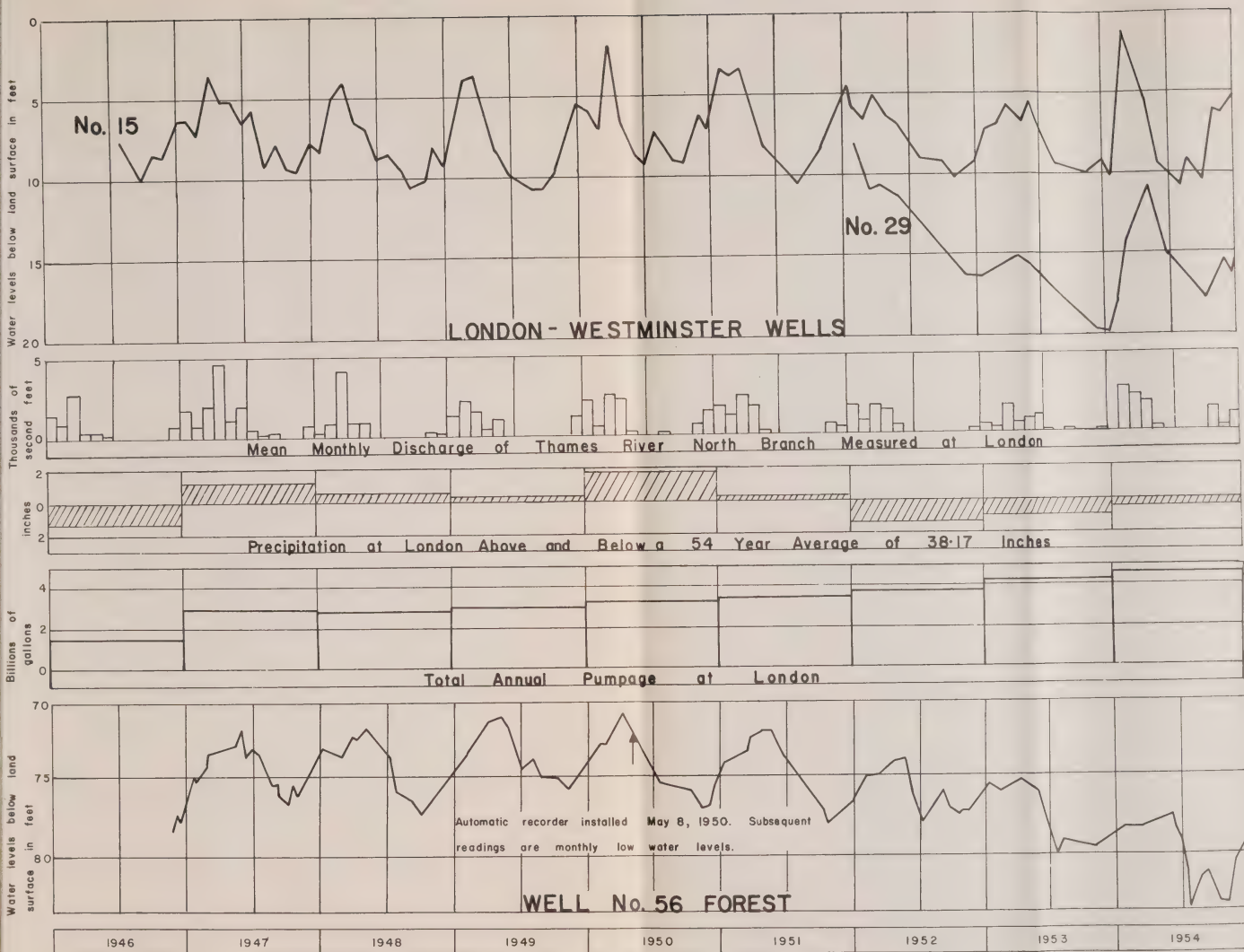
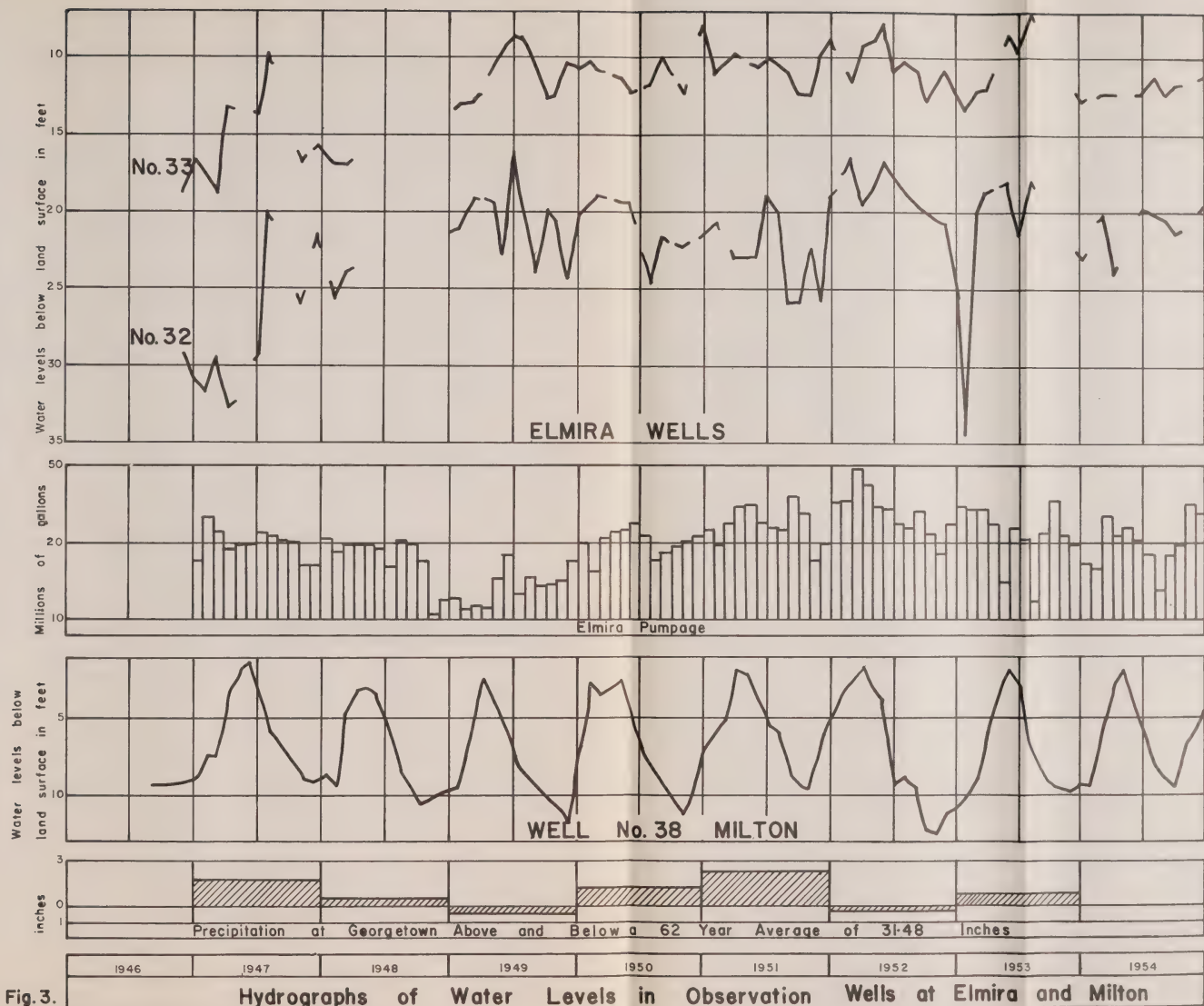


Fig. 2. Hydrographs of Water Levels in Observation Wells at London, Westminster and Forest



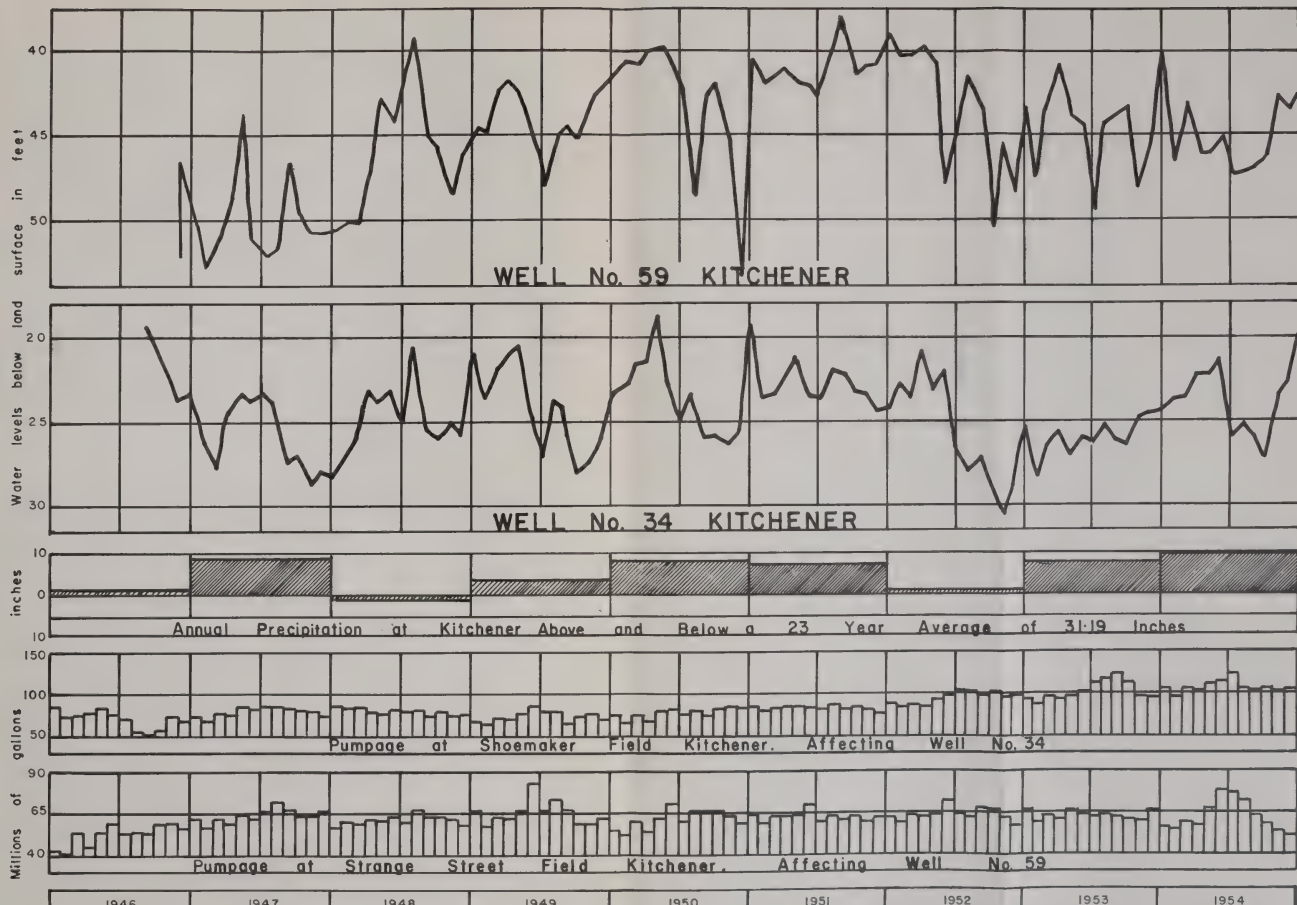


Fig.4.

Hydrographs of Water Levels in Observation Wells at Kitchener

The ground-water balance is in favour of recharge during most fall, winter and spring periods. The ground-water levels, therefore, normally rise during these seasons. In the summer and early fall, the amount of precipitation intercepted by the plants and soil is usually so great that little, if any, is left to reach the saturated zones below the ground surface, which supply the wells and springs. As a result, although the amount of precipitation may be equal to, or greater than, that at other seasons of the year, the ground-water levels usually drop during this period.

Water-level variations in observation wells at Cayuga, Woodstock and Stratford are shown graphically in Figure 1. Little variation is noticed in the Woodstock well, but trends to lower levels are apparent in both the Cayuga and Stratford wells. An important factor in the lowering could be below-normal precipitation which is indicated on the graph as having persisted in the Woodstock area since 1949.

In Figure 2, hydrographs of water levels in wells in London, Westminster Township and Forest are shown. The correlation between the flow in the Thames River and recharge to wells near the river and its tributary is apparent. Since 1950 a definite downward trend in the water level in the Forest observation well is noticeable.

In Figure 3, hydrographs of water levels in overburden wells at Elmira and Milton are shown. The Elmira observation wells are in the well field but show no trend towards lowered static levels. The variations in water level in the Milton well are typical of dug wells having limited recharge conditions. Frequently wells of this type are out of water during periods in the summer or fall months.

Hydrographs of water levels in observation wells at Kitchener are shown in Figure 4. The considerable variation in water level which occurs each year in the vicinity of the two pumping stations suggest fairly rapid recharge and discharge conditions. Above-normal precipitation affects water levels usually within the year, while ground-water discharge to wells and streams during the summer months when recharge is negligible is reflected by the rapidly lowering water levels.

The Hydro-Electric Power Commission of Ontario

The Hydro-Electric Power Commission of Ontario set up a number of observation wells in 1948 and 1949 to study the effect of ground-water levels on the operation of storage basins and generating stations.

Table III lists certain particulars of these wells. A copy of all the water-level measurements is available for reference at the Ontario Water Resources Commission offices in Toronto.

Drillers Licensed to Drill in 1953 and 1954

In Appendix B is a list of water-well drillers licensed during the period 1953-54. The drillers are listed separately or under a drilling firm name, if such a relationship existed. In some instances a driller's name appears under two drilling firms due to a change in employment during the two-year period. A driller's name will also be listed separately as well as with a firm, if he has made a move from employment by another into business for himself. The number of drillers licensed in 1954 was 549 compared to 476 in 1952.

Due to the numerous changes of employment the wells reported by the drillers may not all be listed under the proper contractor or drilling firm. The number of wells or test-holes drilled each year is indicated opposite the partnership, firm, or employer's name, where such a relationship existed, in preference to the licensed driller who may actually have done the work. This number corresponds to the total number of records filed with the Department each year.

No fee was charged for a water-well driller's license. It was issued and renewed annually to those who observe the Well Drillers Act, and the Water Well Regulations.

TABLE III- OBSERVATION WELLS MEASURED IN 1953 AND 1954
BY THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO*

Drainage Area	Watershed	Location	Measurements of Water Levels Commenced
Lake Huron	Mississagi River (Abitibi River	George W. Rayner generating station Abitibi Canyon generating station	Dec. 15, 1952 Oct. 14, 1951
Moose River..(	( (Frederick House River)	(Frederick House dam (Night Hawk Centre (Shillington (South Porcupine	Jul. 12, 1948 Aug. 9, 1948 Aug. 9, 1948 Aug. 9, 1948
Ottawa River	Madawaska River..... (	(Algonquin Park headquarters (Bancroft (Bark Lake Dam (Carlow	Oct. 21, 1949 Nov. 12, 1949 Nov. 7, 1949 Nov. 18, 1949
	(	(Prince's Lake (Sproule Bay (Whitney	Oct. 29, 1949 Nov. 26, 1949 Oct. 28, 1949
Winnipeg River	English River ..... (	(Ear Falls No. 2 (Ear Falls No. 4 (Lower Manitou Falls No. 1 (Lower Manitou Falls No. 2 (Lower Manitou Falls No. 3	Mar. 22, 1954 Mar. 22, 1954 Mar. 22, 1954 Mar. 22, 1954 Mar. 22, 1954

*Data supplied by the Hydro-Electric Power Commission of Ontario.

Water Well Records

Records for 9,701 water wells were forwarded by the drillers during the two-year period, 1953 - 1954. They are available to the public for reference at the offices of the Ontario Water Resources Commission, in Toronto.

Most of the important information from the records has been compiled in Appendix C and summarized in Table IV. Any obvious errors in the records have been corrected by the staff of the Ground Water Branch. The spelling of the names of property owners is given as supplied by the well drillers. The logs have rarely been changed. The very few exceptions dealt mostly with long logs where a repetition of formations could fit under one description.

The locations of some wells may be listed in parts of townships which have been annexed to another municipality since the wells were drilled.

The pumping test, reported in gallons per minute, was not necessarily the rate at which the well could continue to supply water. Some of the wells might soon have been pumped dry at the reported rates. Others may have been capable of being pumped steadily at a much higher rate than that carried out in the pumping test.

The percentage of fresh, mineral and dry wells remained approximately the same as in the previous two year period.

Wellwater intended for use in churches, schools, hotels, and buildings generally occupied by several families or groups of people, was classified as public supply under the "Use" heading. Water used in garages, stores, and restaurants was classed as commercial; in greenhouses, dairies, and market gardens, as industrial.

Many test-holes had no water data recorded. In most, if not all, of these holes some water was encountered, but as a large supply was being sought, usually for municipal purposes, no attempt was made to measure any flow where the formation or water conditions appeared unfavourable.

Almost seven percent of the holes drilled for water were dry or abandoned because of poor quality of water or insufficient supply. This percentage was approximately the same as in the previous two year period with the three counties of Kent, Lambton and York still having the greatest number of abandoned wells.

The trend towards more wells for irrigation purposes continued with twice as many wells drilled in 1953-54 than in the previous two year period.

TABLE IV - SUMMARY OF WATER-WELL DRILLING DATA FOR 1953 AND 1954

County or District	Total Number of Wells drilled	CLASSIFICATION OF WELLS DRILLED										Dry Holes or Abandoned Wells	
		Water-bearing Formation		Type of Water		Use		Not Indi- cated	Test Hole	Indus- trial	Irri- gation		
		Over- burden	Not Indi- cated	Fresh	Salt	Sul- phur	Min- eral						Domes- tic or Stock	Public Supply	Comm- ercial
Algoma	71	57	1	63	1	7	1	59	1	5	1	1	10
Brant	82	36		68				60					6
Bruce	144	10		135	3	4		131	10				3
Carleton	1,094	75		1,017	4	33	1	1,020	37	20	10	1	7
Cochrane	105	45		90				74	9	1			3
Dufferin	37	5		36				33	1	3		16	5
Dundas	61	9		60	1			54	4	1			1
Durham	171	148		170			1	152	10	2	2	1	
Elgin	95	64		60		8		51	6	3	1	32	4
Essex	425	85		317	5	81	9	345	22	30	24		17
Frontenac	357	1		314	4	17	4	299	36	1			18
Glengarry	59	25		58				48	8	1			1
Grenville	92	2		92				81	8	3			
Grey	199	19		178		5	1	170	17	7	2	1	5
Haldimand	78	7		54		19	1	62	4	3			7
Haliburton	20	4		19				12	5	1			3
Halton	179	33		164	6	4	2	140	17	1		6	6
Hastings	275	21		212	5	23	2	190	27	8	3		35
Huron	115	2		107		5		100	11	1		2	1
Kenora	2	2		2				2					
Kent	552	219		345	9	2	2	311	12	8	3	1	216
Lambton	283	52		186	7	19		167	21	1		3	77
Lanark	128	2		126				108	8	10	1		
Leeds	284	2		280				254	21	8	2		3
Lennox and Addington	131	6		87	5	14		97	2	2	1	1	28
Lincoln	142	21		129	13			125	8	4		1	2
Manitoulin	36	3		31	1	3		24	9	2	3		1

- continued -

TABLE IV - SUMMARY OF WATER-BORE DRILLING DATA FOR 1953 AND 1954

-continued-

County or District		Total Number of Wells drilled	CLASSIFICATION OF WELLS DRILLED													continued-				
			Water-bearing Formation		Type of Water		Use													
			Overburden	Bedrock	Not Indicated	Fresh	Salt	phur	Sul-	Min-	eral	Not indi- cated	Domes- tic or Stock	Public Supply	Comm- ercial		Indus- trial	Irrig- ation	Test Hole	Not Indi- cated	Dry Holes or Abandoned Wells
Middlesex	316	194	70	240	2	20	3	185	43	7	2	4	54		2	1	1	1	25	
Muskoka	28	7	19	25			1	20	4						1	1	1	3	2	
Nipissing	47	10	31	41				28	12	1			4		1	1	1	1	5	
Norfolk	89	58	26	78		6		69	5	2					1	1	1	1	10	
Northumber-land	131	53	68	114		7		110	9						2	1	1	1		
Ontario	157	123	21	140	1	4		131	8	4			4		1	1	1	12		
Oxford	209	75	132	198	1	6	2	191	11	1					3	3		3		
Parry Sound	46	3	42	45				43	7									1		
Peel	171	56	109	143	17	2		141	6	9			1		2	6	4	14		
Perth	94	5	89	93				79	14	2					4	4				
Peterborough	303	152	147	294		4		275	6	7					6	4		1		
Prescott	54	16	33	43	3	2		45	3	1					1	3				
Prince Edward	86	1	66	59	2	4	1	64	2						1	3			4	
Renfrew	96	11	82	92		1		76	11	4					1	3			5	
Russell	87	37	43	65	4	6		67	20	2					1	3		1	19	
Simcoe	172	115	49	162		1		139	11	4					1	1			3	
Stormont	73	26	44	64		4		58	11						1	1			11	
Sudbury	68	17	14	25			1	11	5						1	1			9	
Thunder Bay	24	20	3	19	4			19	2						1	1			3	
Temiskaming	58	21	31	48			2	48	3	2					2	3		2	6	
Victoria	170	51	114	156		9		152	3						1	7			1	
Waterloo	152	69	81	136		11	3	120	19	3					2	2			6	
Welland	269	11	257	218		49	1	241	21	6					1	7			9	
Wellington	212	14	198	206		6		178	22	3					2	2			2	
Wentworth	686	37	643	644	3	29	2	627	25	12					3	5			2	
York	686	563	59	609	11	2		522	42	26					1	3			13	
TOTAL	9,701	2,698	6,313	8,408	112	417	39	7,808	640	220	135	46	247	14	46	135	46	247	14	666

APPENDICES

- A - Observation Wells and Water-Level Measurements, 1953 and 1954
- B - Drillers Licensed and Number of Wells Drilled, 1953 and 1954
- C - Records for Water Wells Drilled in 1953 and 1954

APPENDIX A - OBSERVATION WELLS AND WATER-LEVEL MEASUREMENTS

1953 and 1954

Carleton County

Observation Well No.73.- Canadian Department of Agriculture, Central Experimental Farm, Ottawa, Rideau River watershed. Abandoned dug well; depth, 13 feet. Automatic weekly recorded installed September 18, 1950. Measuring point, top of wooden plank 2.7 feet above land surface. Measurements made by F.W.Baker.

Daily lowest water level below land surface
(from recorder charts):

1953

Day	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	...	2.70	3.31	3.91	4.85	5.23	4.92	...	...
2	...	2.70	3.35	3.92	4.89	5.26	4.93	...	...
3	...	...	3.37	3.97	4.92	5.29	4.92	5.22	...
4	...	...	3.39	4.02	4.93	5.31	4.91	5.28	...
5	...	2.71	3.44	4.04	4.90	5.33	4.91	5.33	...
6	...	2.76	3.44	4.05	4.82	5.34	4.90	5.35	...
7	...	2.79	3.39	4.02	4.83	5.35	...	5.35	5.44
8	...	2.80	3.40	4.06	4.86	5.38	...	5.35	5.46
9	...	2.84	3.36	4.11	4.90	...	4.88	...	5.46
10	...	2.87	3.35	...	4.91	...	4.89	...	5.42
11	...	2.89	3.36	...	4.85	...	4.88	...	5.35
12	...	2.92	3.41	...	...	...	4.92	...	5.29
13	2.71	2.99	3.43	4.23	4.86	...	4.93	5.36	5.24
14	2.74	3.02	3.45	4.27	4.87	...	4.92	5.36	...
15	2.78	3.02	3.48	4.31	4.91	...	4.90	5.33	...
16	2.78	3.02	3.50	4.35	4.94	...	...	5.34	...
17	2.74	3.02	3.52	4.37	4.96	5.66	...	5.36	...
18	2.76	3.02	3.55	4.40	4.97	5.67	...	5.37	...
19	2.79	3.02	3.56	4.45	5.00	5.66	...	5.38	...
20	2.79	3.03	3.58	4.48	5.03	5.66	...	5.38	...
21	2.81	3.04	3.59	4.52	5.06	5.42	5.01	...	...
22	2.83	3.05	3.63	4.54	5.08	5.17	5.02	...	...
23	2.81	3.10	3.68	4.56	5.10	5.10	5.01	...	...
24	2.80	3.12	3.72	4.64	5.14	5.05	5.03	5.38	...
25	2.78	3.14	3.74	4.66	5.18	...	5.06	5.38	...
26	2.75	3.16	3.77	4.66	5.20	...	5.08	5.42	...
27	2.70	3.19	3.80	4.66	5.23	...	5.09	5.44	...
28	2.69	...	3.82	4.71	...	...	5.09	5.46	...
29	2.64	3.24	3.85	4.71	...	4.92	...	5.47	...
30	2.69	3.25	3.87	4.76	...	4.93	...	5.47	...
31	...	3.27	...	4.81	...	...	...	...	...

Daily lowest water level below land surface
(from recorder charts):
1954

Day	May	June	July	Aug.	Sept.	Oct.	Nov.
	feet	feet	feet	feet	feet	feet	feet
1	...	...	2.10	2.85	2.96	2.00	2.09
2	...	...	...	2.86	2.96	2.00	2.10
3	...	1.69	...	2.87	3.11	1.99	2.09
4	...	1.68	...	2.88	3.18	1.92	1.92
5	...	1.54	2.19	...	3.15	1.95	1.94
6	...	1.74	2.19	...	3.10	1.98	1.01
7	1.05	1.84	2.25	...	3.07	2.00	1.07
8	1.09	1.84	2.30	...	3.10	2.00	0.35
9	1.15	1.85	2.45	...	3.10	1.99	0.70
10	1.21	1.85	2.48	2.88	...	1.94	0.89
11	1.23	1.97	2.49	2.93	...	1.93	...
12	1.26	1.98	2.48	2.96	...	1.83	...
13	1.31	1.95	2.50	2.98	...	1.54	...
14	1.38	1.98	2.50	2.92	3.08	1.51	...
15	1.42	1.96	2.55	...	3.03	1.51	2.44
16	1.44	...	...	...	3.00	1.44	2.51
17	1.49	...	...	...	2.96	1.49	2.60
18	1.53	1.95	...	...	2.93	1.52	2.65
19	1.55	1.98	...	...	2.81	1.53	2.65
20	1.55	2.02	...	3.04	2.77	1.53	2.53
21	1.65	2.06	...	3.06	...	1.56	2.45
22	1.66	2.07	2.61	3.09	...	1.61	...
23	1.63	2.08	2.62	3.09	...	...	...
24	...	2.10	2.65	3.07	2.67	...	...
25	...	2.13	2.67	3.06	2.67	...	...
26	...	2.14	2.72	...	2.63	...	...
27	...	2.12	2.70	3.10	2.61	...	...
28	...	2.06	2.69	3.12	2.56	...	...
29	...	2.07	2.72	3.12	2.57	1.90	...
30	...	2.10	2.76	3.10	...	1.98	...
31	...	...	2.79	3.19	...	2.06	...

Dufferin County

Observation Well No.46 - East Luther township, Con.IV, lot 29,Grand River watershed. Property of I.Potter. Used dug and bored well; dug part: diameter, 3 feet; depth, 20 feet; bored part: diameter, 2 inches; depth 15 feet; depth of well, 35 feet; sand aquifer. Measuring point, top of wooden planking 1 foot above land surface. Measurements made by I.Potter.

Distances of water level below (-) and above (+) land surface:

1953

	Feet
Nov. 27	- 6.00
Dec. 8	- 5.45
Dec. 21	- 4.58

1954

	Feet		Feet
Jan. 9	- 4.33	July 6	- 3.08
Jan. 19	- 4.52	July 14	- 3.38
Feb. 3	- 4.42	Jul. 31	- 4.09
Feb. 17	- 3.26	Aug. 16	- 4.86
Feb. 25	- 1.69	Aug. 28	- 5.42
Mar. 4	- 1.77	Sep. 10	- 6.01
Mar. 16	- 1.45	Sep. 22	- 6.51
Mar. 29	- 0.40	Sep. 30	- 6.85
Apr. 6	- 0.06	Oct. 6	- 6.70
Apr. 12	- 0.71	Oct. 18	- 2.05
Apr. 30	+ 0.33	Oct. 25	- 1.48
May 5	+ 0.09	Nov. 3	- 1.23
May 20	- 0.74	Nov. 20	- 0.96
June 1	- 1.46	Dec. 1	- 0.97
June 17	- 2.35	Dec. 9	- 0.86
		Dec. 23	- 1.29
		Dec. 31	- 1.26

Haldimand County

Observation Well No.5 - North Cayuga township, Jones tract, lot 23, Grand River watershed. Property of the Canadian Department of Transport. Haldimand Rural Youth and Agricultural Centre. Used drilled well; diameter, 1 foot; depth, 125 feet; limestone aquifer. Elevation, 667 feet above sea level. Measuring point top of collar 1 foot above land surface. Measurements made by C. W. Beckerson.

Distances of water level below land surface:

1953				1954			
		Feet				Feet	
Jan. 1	39.52	Jul. 1	35.90	Jan. 1	38.67	July 1	38.81
Jan. 15	39.85	July 15	37.18	Jan. 15	37.75	July 15	36.69
Feb. 2	39.89	Aug. 3	37.85	Feb. 1	36.65	Aug. 1	38.76
Feb. 16	39.58	Aug. 15	37.42	Feb. 15	39.49	Aug. 16	39.54
Mar. 2	41.76	Sept 1	38.31	Mar. 3	38.65	Sept 1	40.53
Mar. 15	40.16	Sept 14	38.02	Mar. 15	38.22		
Apr. 1	38.23	Oct. 3	38.17	Apr. 1	35.58	Oct. 1	42.61
Apr. 15	36.79	Oct. 15	40.05	Apr. 15	36.29	Oct. 15	39.47
May 1	36.46	Nov. 2	41.55	May 1	35.79	Nov. 1	40.82
May 15	37.11	Nov. 15	40.87	May 15	35.84	Nov. 15	38.79
June 3	37.36	Dec. 1	40.13	June 1	35.99	Dec. 1	37.03
June 15	37.16	Dec. 15	39.76	June 15	36.31	Dec. 15	38.38

Observation Well No.64 - North Cayuga township, Jones tract, lot 23, Grand River watershed. Property of the Canadian Department of Transport. Haldimand Rural Youth and Agricultural Centre. Drilled well; diameter, 5 $\frac{5}{8}$ inches; depth, 100 feet; limestone aquifer. Elevation, 669 feet above sea level. Measuring point top of casing 0 feet above land surface. Measurements made by C. W. Beckerson.

Distances of water level below land surface:

1954			
		Feet	
Apr. 15	29.64	Aug. 1	28.64
May 1	28.33	Aug. 16	29.55
May 15	29.29	Sept 1	30.54
June 1	30.12	Oct. 1	31.20
June 15	29.71	Oct. 15	31.12
July 1	28.31	Nov. 1	31.22
July 15	26.58	Nov. 15	29.61
		Dec. 1	28.13

Halton County

Observation Well No.38 -Trafalgar township, Con III, lot 14, Oakville Creek watershed. Property of C.Wilson. Seldom used dug well; diameter 4 feet; depth, 12.5 feet. Elevation, 674 feet above sea level. Measuring point, top of wooden planking 1 foot above land surface. Measurements made by C. Wilson.

Distances of water level below land surface:

1953			1954		
		Feet			Feet
Jan. 2	10.88		Jan. 2	9.26	
Feb. 2	9.96		Feb. 3	9.29	
Mar. 2	9.02		Mar. 1	5.98	
Apr. 1	6.29		Apr. 2	2.91	
May 3	3.39		May 2	1.93	
June 1	1.86		June 1	4.25	
July 2	2.93		July 2	6.26	
Aug. 2	6.04		Aug. 2	8.03	
Sept. 2	7.87		Sept. 1	9.01	
Oct. 2	9.18		Oct. 2	9.57	
Nov. 1	9.61		Nov. 2	6.68	
Dec. 2	9.81		Dec. 1	5.81	

Lambton County

Observation Well No.56. - Town of Forest, Hickory Creek watershed. Property of Public Utilities Commission. Abandoned municipal drilled well; diameter 6 inches; depth, 110 feet. Overburden aquifer. Measuring point, top of pump base 1.63 feet above land surface. Weekly automatic recorder installed on May 8, 1950. Measurements made by S. Ellerker.

Daily lowest water level below land surface (from recorder charts):
1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	75.37	75.64	75.55	....	74.77	75.01	....	79.32	79.11	79.02	78.29	....
2	74.87	75.37	75.52	....	74.83	75.04	....	77.94	79.32	79.14	78.29	....
3	74.65	75.30	75.28	....	75.12	75.10	78.28	77.85	79.26	79.13	79.44	....
4	74.79	75.64	74.78	74.95	75.35	75.12	78.45	77.53	78.90	78.92	79.70	78.22
5	75.17	75.47	75.38	75.06	75.35	74.71	78.02	77.67	79.13	79.53	79.61	78.69
6	75.53	75.35	75.62	75.03	75.91	....	78.37	77.67	78.62	78.61	79.69	78.50
7	....	75.44	75.57	75.21	74.90	....	78.45	77.50	78.55	79.05	....	76.50
8	....	75.31	....	75.37	74.87	74.74	78.45	77.36	79.31	78.82	....	78.64
9	....	75.99	....	74.62	74.98	75.34	78.45	77.27	79.27	78.84	....	78.40
10	....	76.12	75.57	74.47	74.98	75.74	78.45	77.62	78.92	78.84	79.00	78.42
11	....	75.95	75.58	74.92	75.17	75.90	78.29	77.64	78.70	....	79.03	78.45
12	....	....	75.47	74.94	....	75.94	77.92	77.50	78.63	78.68	79.18	78.13
13	....	....	75.23	75.05	75.33	76.04	78.69	77.39	78.27	78.89	79.13	78.38
14	....	....	75.42	75.20	75.28	76.01	78.65	77.09	78.34	78.96	79.05	78.00
15	....	....	74.92	74.69	75.10	76.04	79.14	77.16	78.36	78.93	....	78.38
16	....	....	75.35	74.43	75.10	76.12	79.49	77.08	78.13	79.02	....	78.42
17	75.08	....	75.40	74.81	74.85	76.45	79.57	77.18	78.38	79.33	78.75	78.81
18	74.97	75.39	....	74.87	74.71	77.05	79.57	77.29	78.53	79.22	78.81	78.75
19	75.24	75.55	....	74.53	74.93	77.75	79.64	77.27	78.00	78.97	78.78	78.71
20	75.38	75.55	75.66	74.57	75.04	77.40	79.55	78.17	77.72	78.99	78.64	78.25
21	75.39	75.09	74.74	74.83	....	77.22	79.64	78.21	78.15	79.37	78.53	77.98
22	75.32	75.69	75.32	74.28	74.95	77.95	79.64	78.36	78.84	79.49	....	78.37
23	75.26	75.73	75.20	74.62	75.12	78.12	79.75	78.20	78.90	79.18	77.99	78.54
24	74.67	75.51	75.42	74.91	75.20	78.12	79.32	78.35	78.67	79.05	78.00	78.47
25	....	75.31	75.49	74.55	74.80	77.95	79.93	78.44	....	79.21	77.87	78.02
26	....	....	75.32	....	75.05	77.52	79.82	78.71	78.11	78.83	78.35	78.16
27	74.07	....	75.19	74.97	75.46	77.57	78.86	78.80	78.02	79.01	78.40	78.05
28	75.39	75.14	....	74.58	75.46	77.03	78.69	78.80	78.24	....	78.61	77.98
29	75.29	....	....	74.64	76.25	77.33	78.65	78.82	78.52	....	....	77.84
30	75.47	....	....	74.22	74.75	....	78.60	78.22	78.95	79.44	....	78.04
31	75.25	....	....	....	74.74	....	78.62	78.90	....	78.30	....	77.92

Daily lowest water level below land surface (from recorder charts):
1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	78.12	77.95	77.60	77.98	77.12	77.30	80.42	81.65	....	80.91	82.50	80.48
2	78.02	77.58	77.70	77.67	77.24	....	81.02	82.14	80.49	80.80	82.69	80.19
3	78.25	77.79	77.58	77.98	77.81	76.55	81.04	82.12	80.71	80.54	82.50	79.92
4	78.40	77.71	77.51	....	77.87	77.08	81.04	82.12	81.04	80.62	82.40	79.65
5	78.09	77.79	77.47	....	76.95	77.13	81.05	81.02	80.82	80.62	82.93	80.02
6	77.81	....	....	....	76.83	77.09	81.05	81.11	80.78	81.19	82.42	80.25
7	....	....	....	....	....	77.28	81.04	81.14	80.54	81.22	82.42	79.82
8	....	77.19	....	78.05	....	77.28	....	81.07	80.91	81.15	83.00	79.72
9	77.69	77.37	....	78.09	....	77.30	....	81.77	80.95	80.74	83.00	78.68
10	78.17	77.79	....	77.72	76.88	77.31	....	80.62	80.33	80.69	83.32	79.54
11	77.55	78.20	77.65	77.63	76.68	....	....	80.72	80.74	80.22	82.72	79.77
12	78.01	78.35	77.72	77.70	77.07	....	....	80.77	80.84	80.64	82.33	79.59
13	78.20	78.30	77.50	77.78	77.03	....	....	80.80	80.47	81.20	82.34	79.35
14	78.27	77.73	77.15	77.62	77.03	77.55	....	80.75	80.69	81.29	81.52	79.42
15	78.07	77.80	77.69	77.04	77.03	77.58	....	80.34	80.67	81.16	81.62	78.95
16	77.80	77.84	77.94	....	76.92	78.01	....	80.32	80.72	80.99	81.59	79.34
17	78.07	78.48	78.07	77.12	77.16	78.85	....	80.40	80.80	81.45	81.49	79.35

Daily lowest water level below land surface (from
recorder charts): 1954 -

continued:

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
18	....	78.40	78.04	77.09	77.11	79.13	....	80.30	80.57	81.80	81.34	78.87
19	77.76	78.37	77.07	77.80	77.16	79.11	....	80.14	80.25	82.62	80.93	78.85
20	77.90	78.29	77.44	77.82	77.34	78.49	....	80.44	80.14	82.55	80.93	79.04
21	78.11	77.71	77.70	77.52	77.41	79.31	81.27	80.72	80.19	82.52	80.79	79.30
22	78.42	78.17	77.52	77.59	77.30	79.12	82.37	80.82	80.79	82.75	80.72	78.94
23	78.24	78.24	77.68	77.61	77.44	79.42	....	80.72	80.92	82.87	80.54	78.50
24	78.01	77.72	78.14	77.44	....	79.42	83.34	81.02	81.03	82.42	80.05	79.05
25	78.05	....	78.09	....	77.14	79.42	82.19	80.73	80.64	82.46	80.24	79.11
26	78.75	77.81	77.95	77.12	77.50	79.39	83.07	80.62	80.12	82.33	80.42	79.01
27	....	77.87	78.08	77.05	77.49	79.12	83.14	80.69	80.17	83.19	80.22	78.97
28	77.95	77.60	77.73	77.32	76.97	78.99	82.99	80.80	80.54	83.50	79.85	78.70
29	78.04	....	77.59	77.23	77.45	78.99	82.09	80.70	80.59	83.69	80.05	78.91
30	77.80	....	77.80	77.52	77.52	79.04	81.98	80.42	80.69	81.93	80.75	78.75
31	78.17	....	77.94	....	77.47	....	81.65	80.54	....	82.22		

Middlesex County

Observation Well No.15 - City of London, Adelaide Street well, Thames River watershed. Property of London Public Utilities Commission. Drilled gauge well, diameter, 2 inches; depth, 40 feet; sand and gravel aquifer. Elevation 786 feet above sea level. Measuring point, top of casing 2 feet above land surface. Measurements made by O. W. Logan.

Distances of water level below land surface:

1953				1954			
	Feet		Feet		Feet		Feet
Jan. 29	7.22	July 31	8.70	Feb. 1	9.95	July 30	10.49
Mar. 4	6.70	Sept. 1	9.50	Mar. 3	1.10	Aug. 26	9.25
Mar. 26	5.77	Oct. 1	9.57	Apr. 30	5.18	Oct. 4	10.45
May 12	6.80	Nov. 2	9.85	June 4	9.22	Nov. 3	6.15
June 3	5.51	Nov. 30	9.82	June 30	10.10	Dec. 1	6.40
July 3	7.10	Dec. 30	9.20				

Observation Well No. 16 - City of London, "Adair" well, Thames River watershed. Property of London Public Utilities Commission. Drilled gauge well; diameter, 2 inches; depth, 94 feet; sand and gravel aquifer. Elevation, 810 feet above sea level. Measuring point, top of casing 0.5 feet above land surface. Measurements made by O. W. Logan.

Distances of water level below land surface:

1953				1954			
	Feet		Feet		Feet		Feet
Jan. 30	20.44	July 28	22.00	Jan. 28	24.42	Oct. 1	22.50
Mar. 2	20.60	Aug. 28	22.32	Feb. 26	20.80	Nov. 3	19.20
Mar. 31	18.40	Sept 29	22.97	May 4	16.56		
May 5	19.85	Oct. 29	23.49				
June 1	20.80	Dec. 2	23.98				
July 7	21.62	Dec. 29	24.15				

Observation Well No.29 - Westminster township, Con II, lot 48, Dingman Creek watershed. Property of G. Uptigrove. Test hole; diameter, 8 inches; depth, 96 feet; sand and gravel aquifer. Measuring point top of casing, 3.59 feet above land surface. Automatic recorder installed Jan. 24, 1952. Measurements made by O.W. Logan.

Daily lowest water level below land surface (from
recorder charts):
1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	12.59	11.63	12.06	11.14	11.34	11.73	12.41	13.29	13.84	14.53	15.16	....
2	12.60	11.62	12.09	11.16	11.33	11.73	12.44	13.30	13.86	14.56	15.18	....
3	12.61	11.61	....	11.17	11.32	11.75	12.46	13.31	13.89	14.58	15.21	....
4	12.61	11.61	....	11.18	11.31	11.77	12.48	13.34	13.91	14.60	15.23	....
5	12.62	11.61	....	11.19	11.31	11.78	12.52	13.35	13.94	14.62	15.25	....
6	12.63	11.61	....	11.20	11.31	11.80	12.54	13.37	13.97	14.65	15.27	....
7	12.64	11.61	....	11.21	11.31	11.82	12.58	13.39	13.99	14.67	15.30	....
8	12.65	11.62	....	11.22	11.31	11.85	12.61	13.41	14.01	14.70	15.32	....
9	12.66	11.63	....	11.25	11.31	11.87	12.64	13.43	14.03	14.72	15.34	....
10	12.67	11.64	11.87	11.26	11.32	11.89	12.67	13.45	14.06	14.75	15.36	....
11	12.68	11.65	11.85	11.27	11.33	11.91	12.70	13.47	14.08	14.76	15.38	....
12	12.69	11.66	11.83	11.28	11.34	11.93	12.73	13.49	14.11	14.78	15.40	....
13	12.70	11.67	11.82	11.29	11.35	11.95	12.76	13.49	14.13	14.80	15.42	....
14	12.71	11.68	11.81	11.30	11.36	11.98	12.78	13.50	14.15	14.82	15.43	....
15	12.69	11.69	11.80	11.32	11.37	12.00	12.81	13.51	14.18	14.84	15.45	....
16	12.66	11.71	11.76	11.33	11.38	12.02	12.85	13.52	14.20	14.86	15.47	....
17	12.55	11.73	11.70	11.34	11.42	12.04	12.88	13.55	14.22	14.88	15.48	....
18	12.44	11.76	11.62	11.35	11.43	12.07	12.91	13.57	14.25	14.90	15.50	....
19	12.32	11.78	11.56	11.35	11.46	12.09	12.94	13.58	14.27	14.92	15.52	....
20	12.23	11.81	11.50	11.36	11.48	12.12	12.97	13.59	14.28	14.94	....	....
21	12.14	11.84	11.42	11.35	11.50	12.14	12.99	13.62	14.30	14.95	....	....
22	12.06	11.86	11.35	11.35	11.51	12.16	13.03	13.64	14.33	14.97	....	....
23	12.00	11.89	11.29	11.36	11.53	12.19	13.05	13.66	14.36	15.00	....	....
24	11.94	11.93	11.26	11.37	11.55	12.21	13.08	13.67	14.38	15.02	....	....
25	11.87	11.96	11.22	11.38	11.57	12.24	13.11	13.70	14.41	15.03	....	....
26	11.81	11.98	11.19	11.39	11.59	12.26	13.14	13.72	14.43	15.06	....	....
27	11.76	12.01	11.18	11.40	11.61	12.29	13.18	13.75	14.46	15.08	....	....
28	11.72	12.03	11.16	11.39	11.63	12.32	13.21	13.77	14.47	15.07	....	....
29	11.68	....	11.16	11.38	11.66	12.35	13.24	13.78	14.50	15.11	....	16.05
30	11.65	....	11.16	11.36	11.68	12.37	13.26	13.80	14.51	15.13	....	....
31	11.64	....	11.16	....	11.70	....	13.28	13.81	....	15.13	....	....

Daily lowest water level below land surface (from
recorder charts):
1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	....	15.61	11.03	....	7.04	9.78	11.58	12.65	13.38	14.05	10.18	11.68
2	....	15.53	10.83	....	7.13	9.84	11.62	12.59	13.45	14.06	10.24	11.71
3	....	15.45	9.98	....	7.23	9.91	11.67	12.73	13.46	14.07	10.27	11.73
4	....	15.39	9.75	....	7.40	9.98	11.70	12.72	13.51	14.08	10.37	11.75
5	....	15.33	9.74	....	7.49	10.05	11.74	12.76	13.52	14.08	10.43	11.77
6	....	15.29	9.74	....	7.59	10.10	11.78	12.78	13.55	14.10	10.50	11.81
7	....	15.30	9.74	....	7.70	10.16	11.82	12.81	13.58	14.11	10.56	11.82
8	....	15.23	9.74	....	7.79	10.23	11.84	12.84	13.59	14.12	10.61	11.86
9	....	15.20	9.74	....	7.90	10.30	11.88	12.87	13.63	14.13	10.68	11.88
10	....	15.18	9.74	....	8.00	10.37	11.92	12.89	13.64	14.13	10.75	11.90
11	....	15.17	9.75	....	8.10	10.45	11.96	12.91	13.67	14.15	10.80	11.93
12	....	15.17	9.75	....	8.21	10.51	11.99	12.93	13.70	14.15	10.84	11.96
13	....	15.17	9.75	....	8.31	10.56	12.02	12.96	13.70	14.17	10.89	11.98
14	....	15.18	9.77	....	8.41	10.63	12.05	12.98	13.73	14.17	10.95	12.01
15	....	15.18	9.80	....	8.51	10.71	12.08	13.01	13.75	14.17	11.02	12.03
16	....	15.17	9.90	....	8.59	10.77	12.12	13.03	13.77	14.17	11.05	12.03
17	....	14.63	10.00	....	8.69	10.85	12.15	13.06	13.79	13.55	11.13	12.08
18	....	12.78	10.10	....	8.78	10.93	12.18	13.08	13.80	12.22	11.16	12.11
19	16.22	12.36	10.19	....	8.86	10.99	12.22	13.09	13.83	11.29	11.19	12.14
20	16.23	11.79	10.26	6.09	8.94	11.05	12.25	13.12	13.84	10.66	....	12.15
21	16.24	11.46	10.29	5.99	9.02	11.11	12.27	13.15	13.85	10.25	....	....
22	16.24	11.26	10.30	6.05	9.10	11.16	12.30	13.17	13.87	10.01	....	....
23	16.25	11.11	10.28	6.14	9.17	11.21	12.33	13.24	13.89	9.87	11.42	....
24	16.23	11.01	10.27	6.25	9.25	11.26	12.37	13.21	13.92	9.81	11.46	....
25	16.19	10.97	10.17	6.33	9.32	11.31	12.40	13.23	13.94	9.81	11.51	....
26	16.15	10.95	10.53	6.52	9.40	11.36	12.43	13.25	13.94	9.82	11.55	....
27	16.10	10.99	....	6.65	9.46	11.40	12.47	13.27	13.98	9.87	11.58	12.34
28	16.04	11.03	....	6.77	9.53	11.46	12.51	13.29	13.99	9.92	11.60	12.35
29	15.96	....	....	6.84	9.59	11.49	12.54	13.33	14.02	9.98	11.63	12.35
30	15.86	....	....	6.94	9.66	11.53	12.58	13.36	14.04	10.04	11.66	12.19
31	15.76	....	....	....	9.72	....	12.62	13.38	....	10.11	....	11.94

Norfolk County

Observation Well No. 25. - Town of Simcoe, Lynn River watershed. Drilled gauge well, diameter 2 inches; depth, 26 feet; gravel aquifer. Measuring point, top of iron valve box 0 feet above land surface. Measurements made by G.E. Maxwell.

Distances of water level below land surface:

	1954	Feet
Oct. 1		15.99
Nov. 1		15.74
Dec. 1		15.82

Oxford County

Observation Well No.13. - West Oxford township, Con III, lot 2, Thames River watershed. Property of Woodstock Public Utilities Commission. Drilled gauge hole; diameter 2 inches; depth 75 feet; gravel aquifer. Elevation, 965 feet above sea level. Measuring point, top of casing 2 feet above land surface. Measurements made by N. Copp.

Distances of water level below land surface:

	Feet	1953	Feet
Jan. 31	0.60	July 31	1.53
Feb. 28	0.56	Aug. 31	1.84
Mar. 31	0.50	Sept. 30	1.67
Apr. 30	0.40	Oct. 31	1.45
May 30	0.43	Dec. 1	0.69
June 26	0.92	Dec. 31	1.96

	Feet	1954	Feet
Feb. 2	1.66	July 31	0.96
Mar. 6	1.70	Aug. 31	0.75
Mar. 31	1.56	Sept. 30	2.65
Apr. 30	1.03	Oct. 30	2.28
May 31	1.98	Nov. 30	2.57
June 30	1.64	Dec. 31	2.62

Peel County

Observation Well No.18. - Town of Brampton, Etobicoke Creek watershed. Property of Dale Estate, Limited. Abandoned dug well; diameter, 4 feet; depth, 30 feet; overburden aquifer. Measuring point, top of wooden well covering, 6 inches above land surface. Automatic recorder installed April 19, 1952. Measurements made by A. K. Watt.

Daily lowest water level below land surface (from
recorder charts):
1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	8.98	8.34	7.56	5.90	5.65	4.17	5.98	7.20	7.66	8.73	9.48	9.76
2	8.98	8.33	7.55	5.90	5.19	4.29	5.97	7.24	7.70	8.76	9.50	9.76
3	8.98	8.31	7.52	5.91	4.50	4.40	6.01	7.29	7.74	8.79	9.55	9.76
4	8.97	8.29	6.82	5.92	4.40	4.46	6.05	7.30	7.78	8.81	9.57	9.76
5	8.97	8.27	6.47	5.94	4.44	4.53	6.08	7.15	7.83	8.84	9.59	9.76
6	8.97	8.26	6.41	5.98	4.50	4.43	6.11	7.12	7.87	8.87	9.61	9.76
7	8.98	8.22	6.38	6.00	4.56	4.47	6.14	7.13	7.92	8.89	9.62	9.76
8	8.98	8.19	6.36	6.04	4.63	4.52	6.18	7.14	7.96	8.92	9.64	9.76
9	8.98	8.16	6.36	6.05	4.70	4.60	6.23	7.16	8.01	8.95	9.65	9.76
10	8.98	8.16	6.37	6.05	4.78	4.70	6.27	7.07	8.05	8.97	9.66	9.75
11	8.96	8.14	6.38	6.07	4.86	4.79	6.32	7.02	8.09	8.99	9.68	9.71
12	8.95	8.12	6.40	6.10	4.92	4.85	6.37	7.02	8.12	9.02	9.68	9.69
13	8.95	8.07	6.41	6.13	5.00	4.93	6.42	7.03	8.16	9.04	9.69	9.68
14	8.95	8.05	6.43	6.17	5.06	5.01	6.46	7.04	8.20	9.06	9.70	9.67
15	8.95	8.02	6.43	6.19	5.11	5.09	6.50	7.06	8.24	9.09	9.71	9.66
16	8.97	7.97	6.33	6.19	5.17	5.15	6.56	7.09	8.28	9.10	9.72	9.65
17	8.91	7.94	6.27	6.22	5.20	5.19	6.60	7.13	8.32	9.13	9.73	9.65
18	8.85	7.91	6.23	6.24	5.19	5.25	6.65	7.16	8.36	9.15	9.74	9.65
19	8.75	7.89	6.19	6.28	5.18	5.31	6.69	7.20	8.39	9.17	9.75	9.64
20	8.72	7.88	6.15	6.30	5.25	5.37	6.74	7.24	8.40	9.20	9.76	9.63
21	8.69	7.85	6.14	6.33	5.29	5.44	6.79	7.27	8.43	9.23	9.77	9.62
22	8.67	7.81	6.13	6.35	5.10	5.51	6.83	7.30	8.46	9.26	9.78	9.59
23	8.65	7.78	6.12	6.39	5.07	5.59	6.87	7.32	8.51	9.28	9.78	9.52
24	8.63	7.74	6.11	6.43	5.10	5.67	6.93	7.35	8.54	9.30	9.78	9.47
25	8.52	7.70	6.07	6.43	5.11	5.62	6.97	7.38	8.56	9.33	9.78	9.45
26	8.48	7.66	6.04	6.40	4.76	5.75	7.01	7.42	8.59	9.35	9.75	9.43
27	8.46	7.62	6.00	6.12	4.44	5.81	7.04	7.46	8.61	9.37	9.75	9.41
28	8.42	7.59	5.97	6.01	4.44	5.86	7.07	7.49	8.64	9.39	9.75	9.40
29	8.40	...	5.95	5.97	4.47	5.92	7.09	7.53	8.67	9.41	9.75	9.38
30	8.38	...	5.93	5.90	4.26	5.97	7.13	7.57	8.70	9.44	9.76	9.37
31	8.35	...	5.92	....	4.02	....	7.16	7.62	....	9.46	....	9.37

Daily lowest water level below land surface (from
recorder charts):
1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	9.36	9.20	6.31	4.74	4.69	6.24	6.32	7.93	9.08	9.68	5.62	6.47
2	9.35	9.19	5.25	4.80	4.74	6.21	6.37	7.98	9.11	9.68	5.68	6.46
3	9.35	9.19	5.12	4.88	4.79	6.31	6.42	8.01	9.13	9.68	5.66	6.44
4	9.35	9.18	5.08	4.94	4.86	6.35	6.47	8.05	9.15	9.58	5.67	6.42
5	9.34	9.17	5.07	5.00	4.92	6.39	6.51	8.09	9.17	9.57	5.71	6.41
6	9.34	9.17	5.08	5.01	4.98	6.41	6.56	8.14	9.20	9.57	5.75	6.44
7	9.33	9.17	5.11	4.84	5.01	6.45	6.61	8.18	9.22	9.58	5.79	6.44
8	9.33	9.17	4.99	4.74	5.03	6.53	6.66	8.22	9.24	9.59	5.84	6.44
9	9.33	9.16	4.96	4.74	5.05	6.58	6.72	8.22	9.28	9.58	5.89	6.43
10	9.33	9.15	4.95	4.76	5.08	6.59	6.79	8.30	9.30	9.58	5.94	6.42
11	9.33	9.15	4.97	4.79	5.13	6.62	6.84	8.35	9.32	9.58	5.98	6.44
12	9.33	9.16	5.02	4.84	5.18	6.64	6.89	8.39	9.36	9.57	6.02	6.45
13	9.34	9.16	5.05	4.88	5.25	6.21	6.94	8.44	9.37	9.57	6.06	6.46
14	9.34	9.17	5.08	4.93	5.31	6.18	6.98	8.48	9.39	9.56	6.09	....
15	9.34	9.10	5.12	4.96	5.36	6.17	7.04	8.53	9.41	9.49	6.13	....
16	9.35	8.66	5.18	4.74	5.41	6.20	7.10	8.57	9.43	3.68	6.16	....
17	9.35	8.55	5.24	3.98	5.47	6.22	7.16	8.61	9.45	3.97	6.20	....
18	9.35	8.52	5.28	4.03	5.53	6.24	7.21	8.66	9.46	4.18	6.23	....
19	9.35	8.49	5.34	4.15	5.58	6.27	7.26	8.69	9.48	4.37	6.26	....
20	9.27	8.45	5.33	4.19	5.64	6.29	7.31	8.73	9.50	4.58	6.28	....
21	9.23	7.68	5.16	4.24	5.69	6.31	7.36	8.78	9.51	4.63	6.31	....
22	9.23	7.19	5.09	4.31	5.75	6.50	7.41	8.82	9.53	4.76	6.35	....
23	9.24	7.11	5.11	4.38	5.81	6.17	7.46	8.86	9.55	4.88	6.39	6.35
24	9.24	7.07	5.14	4.46	5.86	6.16	7.52	8.88	9.57	4.99	6.40	6.36
25	9.24	7.05	5.15	4.54	5.91	6.17	7.57	8.91	9.59	5.09	6.43	6.40
26	9.23	7.03	4.56	4.60	5.97	6.16	7.63	8.94	9.60	5.18	6.46	6.43
27	9.23	7.00	4.46	4.61	6.02	6.17	7.67	8.98	9.62	5.25	6.47	6.43
28	9.23	6.97	4.49	4.57	6.05	6.20	7.54	9.02	9.64	5.33	6.48	6.30
29	9.23	....	4.55	4.59	6.09	6.24	7.58	9.04	9.66	5.39	6.49	5.97
30	9.21	....	4.61	4.64	6.16	6.28	7.84	9.06	9.66	5.46	6.46	5.86
31	9.20	....	4.68	....	6.20	....	7.88	9.06	....	5.54	....	5.81

Observation Well No.65. - Toronto township, Credit Indian Reserve, Range III, lot 13; Credit River watershed. Property of O.M. and J.A. Schnick. Used dug well, diameter, 3 feet; depth, 27 feet; sand and gravel aquifer. Measuring point top of cement cover 1 foot above land surface. Automatic recorder installed June 4, 1954. Measurements made by O.M. Schnick.

Daily lowest water level below land surface
(from recorder charts):
1954

Day	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet
1	....	20.82	21.06	21.49	22.00	20.62	20.48
2	....	20.77	21.05	21.50	22.07	20.58	20.46
3	....	20.82	21.06	21.57	22.04	20.55	20.51
4	20.77	20.81	21.08	21.45	22.01	20.52	20.48
5	20.77	20.83	21.08	21.48	22.05	20.52	20.51
6	20.78	20.82	21.09	21.60	22.10	20.52	20.54
7	20.88	20.83	21.17	21.53	22.07	20.53	20.50
8	20.90	20.85	21.22	21.51	22.08	20.53	20.50
9	20.90	20.86	21.23	21.63	22.09	20.50	20.49
10	20.85	20.91	21.25	21.60	22.10	20.53	20.54
11	....	20.91	21.13	21.74	22.12	20.47	20.58
12	....	20.89	21.18	21.79	22.12	20.47	20.63
13	....	20.91	21.29	21.77	22.25	20.44	20.62
14	....	20.92	21.24	21.80	22.20	20.45	....
15	....	20.96	21.32	21.74	22.20	20.46	....
16	....	20.96	21.30	21.75	22.05	20.41	....
17	....	20.98	21.34	21.76	21.71	20.46	20.66
18	....	20.97	21.38	21.82	21.51	20.41	20.66
19	....	21.00	21.39	21.78	21.38	20.44	20.70
20	....	21.00	21.44	21.80	21.20	20.42	20.72
21	....	21.02	21.45	21.85	21.10	....	20.74
22	....	21.03	21.47	21.83	21.03	....	20.72
23	....	21.02	21.47	21.90	20.94	....	20.73
24	....	20.93	21.49	21.86	20.94	....	20.75
25	20.80	20.98	21.40	21.90	20.90	....	20.80
26	20.75	21.10	21.42	21.91	20.84	....	20.78
27	20.74	21.10	21.52	21.96	20.74	20.40	20.78
28	20.78	21.11	21.57	21.96	20.78	20.43	20.78
29	20.82	21.08	21.45	22.01	20.66	20.46	20.83
30	20.82	21.12	21.46	22.04	20.68	20.54	20.80
31	....	21.05	21.54	....	20.68	....	20.81

Observation Well No.69. - Toronto township, Credit Indian Reserve, Range III, lot 13; Credit River watershed. Property of Sherman Sand and Gravel Limited. Used dug well; diameter, 3 feet; depth, 42.5 feet; sand and gravel aquifer. Measuring point, top of cement cover 9 inches above land surface. Measurements made by D.Sherman.

Distances of water level below land surface:

1954

July 26	34.75	Oct. 19	34.42
Aug. 4	34.83	Oct. 26	34.58
Aug. 11	35.02	Nov. 4	33.86
Aug. 24	35.08	Nov. 10	33.98
Aug. 31	35.13	Nov. 17	34.12
Sept. 7	35.28	Nov. 23	34.15
Sept. 14	35.42	Nov. 30	34.17
Sept. 22	35.52	Dec. 8	34.30
Sept. 28	35.66	Dec. 15	34.47
Oct. 4	35.74	Dec. 21	34.63
Oct. 13	35.79	Dec. 29	34.68

Observation Well No.70. - Toronto township, Credit Indian Reserve, Range III, lot 13; Credit River watershed. Property of Sherman Sand and Gravel Limited. Dug well; diameter, 3 feet; depth, 30 feet; sand and gravel aquifer. Measuring point, wooden cover, 1.4 feet above land surface. Measurements made by D.Sherman.

Distances of water level below land surface:

1954			
	Feet		Feet
July 26	22.88	Oct.19	22.14
Aug. 4	23.00	Oct.26	22.60
Aug. 11	23.10	Nov. 4	22.26
Aug. 24	23.30	Nov.10	22.21
Aug. 31	23.48	Nov.17	22.16
Sept. 7	23.58	Nov.23	22.26
Sept.14	23.67	Nov.30	22.31
Sept.22	23.80	Dec. 8	22.33
Sept.28	23.94	Dec.15	22.44
Oct. 4	24.02	Dec.21	22.56
Oct. 13	24.11	Dec.29	22.55

Perth County

Observation Well No.19. - City of Stratford, Thames River watershed. Property of Stratford Public Utilities Commission. Used drilled well; diameter, 8 inches; depth, 350 feet; limestone aquifer. Measuring point, iron frame 1 foot above land surface. Measurements made by employees of Public Utilities Commission.

Distances of water level below land surface:

1953			
	Feet		Feet
Jan. 4	33.17	July 5	33.00
Jan. 11	34.42	July 12	32.50
Jan. 18	34.50	July 19	33.50
Jan. 25	31.50	July 26	33.66
Feb. 1	34.50	Aug. 2	33.33
Feb. 8	34.58	Aug. 9	33.50
Feb. 15	34.33	Aug. 16	33.00
Feb. 22	35.00	Aug. 23	34.42
Mar. 1	35.17	Aug. 30	35.66
Mar. 8	34.50	Sept. 6	34.83
Mar. 15	33.50	Sept.13	34.66
Mar. 22	33.66	Sept.20	33.50
Mar. 29	33.42	Sept.28	36.83
Apr. 5	33.17	Oct. 5	37.50
Apr. 19	33.00	Oct. 13	37.58
Apr. 26	32.33	Oct. 19	37.17
May 3	32.75	Oct. 26	37.75
May 10	33.33	Nov. 9	37.33
May 17	33.50	Nov. 17	38.33
May 24	33.66	Nov. 22	38.83
June 7	32.08	Nov. 30	38.17
June 14	32.83	Dec. 14	38.00
June 21	32.92	Dec. 21	38.25
June 28	34.66	Dec. 28	38.25

1954			
	Feet		Feet
Jan. 11	38.00	May 5	36.58
Jan. 19	38.92	May 12	37.50
Jan. 24	37.08	May 16	33.17
Jan. 31	36.83	May 23	34.00
Feb. 7	36.25	June 1	34.92
Feb. 14	36.42	June 6	35.17
Feb. 21	36.17	June 20	36.50
Feb. 28	36.58	June 27	36.50
Mar. 7	36.25	July 4	36.17
Mar. 14	36.17	July 11	35.25
Mar. 24	36.83	July 18	37.50
Mar. 31	36.50	July 25	36.25
Apr. 7	36.92	Aug. 1	35.66
Apr. 14	36.83	Aug. 8	35.25
Apr. 21	37.00	Aug. 15	35.50
Apr. 28	36.50	Aug. 22	36.17
		Aug. 29	36.33

continued

1954

	Feet		Feet
Sept. 5	36.33	Nov. 6	36.66
Sept.12	36.50	Nov.16	36.17
Sept.19	35.92	Nov.21	35.42
Sept.26	36.83	Nov.28	34.33
Oct. 3	36.58	Dec. 5	33.33
Oct.110	38.00	Dec.12	33.33
Oct. 17	36.17	Dec.19	33.08
Oct. 24	37.75	Dec.26	32.08

Observation Well No.44. - West Boundary concession, lot II; North Branch of Thames River watershed. Property of Department of National Defence. Test hole, diameter, 10 inches; depth, 37½ feet; gravel aquifer. Measuring point, top of platform, 3 feet above land surface. Automatic recorder installed Oct. 7, 1952. Measurements made by H. B. Skinner and R.C.A.F. personnel.

Daily lowest water level below land surface (from recorder charts):

1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	7.98	7.04	6.79	3.67	3.63	3.10	3.27	4.61	6.46	6.90	7.85	8.14
2	7.98	7.06	6.82	3.92	3.56	3.42	3.10	4.68	6.50	6.94	7.87	8.14
3	8.00	7.11	6.84	3.96	2.94	3.60	3.26	4.74	6.55	7.00	7.90	8.12
4	8.04	7.16	6.60	3.96	2.94	3.64	3.36	4.76	6.60	7.01	7.92	8.14
5	8.06	7.18	5.90	3.97	3.02	3.60	3.44	4.84	6.60	7.02	7.95	8.15
6	8.10	7.20	5.76	3.97	3.22	3.38	3.44	4.90	6.62	7.06	7.97	8.14
7	8.12	7.08	5.18	3.98	3.38	2.90	3.47	4.96	6.66	7.14	7.98	8.10
8	8.12	7.02	5.45	3.98	3.47	3.02	3.54	5.02	6.71	7.15	7.99	8.08
9	8.14	7.68	5.63	3.96	3.54	3.05	3.62	5.08	6.75	7.18	8.00	8.07
10	8.14	7.10	5.77	3.94	3.58	3.92	3.68	5.16	6.79	7.22	7.99	8.06
11	8.11	7.10	5.82	3.89	3.59	3.10	3.74	5.20	6.82	7.26	7.99	8.04
12	8.12	7.14	5.64	3.90	3.60	3.22	3.80	5.27	6.83	7.31	8.01	8.00
13	8.10	7.18	5.04	3.92	3.58	3.34	3.82	5.34	6.82	7.34	8.02	7.98
14	8.10	7.20	4.70	3.94	3.59	3.44	3.88	5.40	6.61	7.37	8.02	7.96
15	7.99	7.18	4.67	3.94	3.62	3.54	3.93	5.47	6.58	7.40	8.04	....
16	7.84	7.17	3.86	3.90	3.64	3.58	3.97	5.54	6.65	7.43	8.06	....
17	7.39	7.24	3.85	3.78	3.64	3.10	4.01	5.60	6.71	7.47	8.08	....
18	7.17	7.26	3.98	3.84	3.66	2.56	4.02	5.64	6.74	7.50	....	....
19	7.10	7.21	4.00	3.86	3.66	2.69	4.04	5.72	6.76	7.53	....	....
20	7.13	7.21	4.08	3.89	3.70	2.81	4.09	5.78	6.76	7.56	....	....
21	7.17	6.94	4.18	3.93	3.74	3.00	4.14	5.85	6.76	7.59	....	....
22	7.21	6.48	4.25	3.95	3.56	3.14	4.16	5.90	6.77	7.61	....	....
23	7.21	6.55	4.30	7.00	3.66	3.28	4.22	5.95	6.79	7.62	....	....
24	7.20	6.60	4.31	7.01	3.72	3.36	4.28	6.00	6.82	7.66	....	....
25	6.80	6.64	4.32	7.00	3.73	3.38	4.32	6.06	6.88	7.68	....	....
26	6.72	6.66	4.32	3.64	3.73	3.36	4.36	6.12	6.77	7.70	....	....
27	6.72	6.70	4.31	3.34	3.78	2.96	4.40	6.17	6.70	7.73	....	....
28	6.80	6.73	4.18	3.50	3.83	3.12	4.44	6.23	6.74	7.74	....	....
29	6.90	....	3.68	3.62	3.86	3.24	4.46	6.28	6.79	7.77	....	....
30	6.94	....	3.52	3.65	3.87	3.27	4.50	6.34	6.86	7.80	....	....
31	6.98	....	3.68	....	3.58	....	4.56	6.40	....	7.82	....	....

Daily lowest water level below land surface (from
recorder charts):

1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	....	....	....	4.04	4.17	5.52	7.28	9.07	8.61	8.64
2	....	....	....	4.08	4.20	5.56	7.35	9.08	8.63	8.56
3	....	....	....	4.11	4.26	5.59	7.42	9.12	8.64	8.48
4	7.40	....	....	4.13	4.32	5.64	7.49	9.15	8.65	8.30
5	....	....	....	4.16	4.36	5.67	7.55	9.20	8.68	8.04
6	....	....	....	4.10	4.40	5.72	7.61	9.24	8.71	7.96
7	....	....	....	4.04	4.41	5.78	7.68	9.29	8.73	8.02
8	....	....	....	4.12	4.45	5.83	7.75	9.34	8.76	8.05
9	....	....	....	4.18	4.48	5.88	7.82	....	8.78	8.10
10	....	....	....	4.22	....	5.94	7.88	....	8.80	8.14
11	....	....	....	4.23	4.46	5.99	7.95	....	8.84	8.16
12	....	....	....	4.32	4.53	6.04	8.02	....	8.87	8.14
13	....	....	....	4.37	4.59	6.08	8.08	....	....	....
14	....	....	....	4.40	4.65	6.14	8.15	....	8.91	....
15	....	....	4.02	4.20	4.70	6.20	8.23	....	8.92	....
16	....	....	4.03	3.83	4.74	6.25	8.29	....	8.93	....
17	....	....	4.04	3.88	4.80	6.30	8.35	8.10	8.94	....
18	7.42	....	4.00	4.08	4.84	6.36	8.40	8.14	8.95	....
19	7.44	....	3.96	4.09	4.89	6.42	8.44	8.18	8.96	....
20	7.45	....	3.91	....	4.94	6.48	8.49	8.22	8.98	....
21	7.33	....	3.99	3.88	5.00	6.54	8.55	8.25	8.98	....
22	7.16	....	3.98	3.96	5.06	6.61	8.61	8.29	8.72	....
23	6.94	....	4.02	4.02	5.11	6.68	8.66	8.30	8.58	....
24	6.80	....	4.03	4.07	....	6.75	8.72	8.35	8.49	....
25	6.81	....	3.96	4.12	5.22	6.82	8.78	8.38	8.50	....
26	5.62	....	3.60	4.15	5.27	6.88	8.83	8.42	8.53	....
27	5.18	....	3.74	4.12	5.30	6.98	8.88	8.46	8.58	....
28	4.94	....	3.81	4.02	5.34	7.06	8.93	8.49	8.62	....
29	4.82	....	3.90	4.06	5.40	7.13	8.98	8.52	8.66	....
30	4.78	....	3.96	4.12	5.46	7.20	9.03	8.55	8.67	....
31	4.86	....	4.01	....	5.48	....	9.05	8.58	....	....

Simcoe County

Observation Well No.7. - Village of Angus, Nottawasaga River watershed.
Property of Seed Extracting Plant, Ontario Department of Lands and Forests. Used
dug well; diameter, 3 feet; depth, 20 feet; sand aquifer. Measuring point, top of
cement cover 1.5 feet above land surface. Automatic weekly recorder installed on
June 6, 1950. Measurements made by E. A. Lewis.

Daily lowest water level below land surface (from
recorder charts):

1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	12.89	12.72	12.46	12.16	12.09	11.42	11.34	11.94	12.45	12.91	13.34	13.63
2	12.87	....	12.47	12.15	12.12	11.39	11.34	11.96	12.47	12.93	13.36	13.63
3	12.86	12.71	12.46	12.16	12.09	11.39	11.44	11.96	12.50	12.94	13.37	13.63
4	12.86	12.75	12.43	12.15	12.00	11.38	11.50	11.99	12.51	12.95	13.39	13.64
5	12.86	12.75	12.40	12.17	11.96	11.37	11.52	12.00	12.52	12.96	13.40	13.65
6	12.86	12.72	12.33	12.18	11.95	11.38	11.52	12.02	12.56	12.97	13.41	13.65
7	12.86	12.72	12.28	12.16	11.92	11.38	11.50	12.03	12.59	12.98	13.42	13.66
8	12.86	12.70	12.26	12.14	11.90	11.38	11.34	12.04	12.64	12.98	13.43	13.66
9	12.87	12.69	12.30	12.14	11.86	11.35	11.33	12.07	12.62	12.99	13.44	13.66
10	12.87	12.69	12.26	12.14	11.83	11.33	11.33	12.08	12.64	13.00	13.45	13.67
11	12.88	12.68	12.28	12.14	11.81	11.32	11.33	12.09	12.66	13.01	13.46	13.67
12	12.88	12.76	12.30	12.13	11.79	11.31	11.36	12.11	12.66	13.02	13.46	13.67
13	12.89	12.74	12.28	12.13	11.76	11.30	11.40	12.14	12.68	13.03	13.47	13.67
14	12.90	12.68	12.26	12.12	11.74	11.30	11.47	12.11	12.69	13.03	13.48	13.67
15	12.90	12.68	12.24	12.11	11.70	11.28	11.54	12.14	12.71	13.04	13.49	13.68
16	12.90	12.69	12.24	12.10	11.69	11.28	11.54	12.15	12.74	13.06	13.50	13.69
17	12.89	12.71	12.23	12.11	11.64	11.27	11.56	12.18	12.76	13.08	13.52	13.69

Daily lowest water level below land surface (from
recorder charts):

1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
18	12.83	12.72	12.23	12.11	11.61	11.30	11.56	12.20	12.78	13.09	13.53	13.69
19	12.80	12.74	12.21	12.11	11.60	11.27	11.59	12.20	12.78	13.11	13.54	13.69
20	12.76	12.74	12.22	12.12	11.60	11.26	11.68	12.24	12.81	13.12	13.55	13.70
21	12.76	12.72	12.21	12.12	11.58	11.28	11.68	12.24	12.83	13.13	13.56	....
22	12.76	12.66	12.22	12.13	11.60	11.26	11.78	12.24	12.84	13.14	13.56	13.70
23	12.76	12.59	12.22	12.13	11.55	11.24	11.76	12.31	12.84	13.16	13.57	13.70
24	12.75	12.50	12.20	12.14	11.52	11.26	11.82	12.30	12.86	13.18	13.58	13.69
25	12.74	12.50	12.19	12.14	11.51	11.26	11.80	12.30	12.88	13.20	13.58	13.68
26	12.75	12.47	12.19	12.15	11.51	11.28	11.80	12.33	12.88	13.22	13.59	13.68
27	12.73	12.45	12.18	12.12	11.51	11.30	11.84	12.35	12.90	13.24	13.60	13.68
28	12.70	12.45	12.18	12.12	11.50	11.31	11.88	12.36	12.90	13.26	13.61	13.68
29	12.70	....	12.17	12.08	11.46	11.32	11.86	12.40	12.90	13.28	13.62	13.68
30	12.71	....	12.17	12.08	11.46	11.32	11.93	12.45	12.91	13.32	13.62	13.68
31	12.70	....	12.16	....	11.44	....	11.93	12.50	....	....	....	13.68

Daily lowest water level below land surface (from
recorder charts):

1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	13.68	13.74	....	10.84	9.49	10.00	10.52	11.11	11.24	....	8.24	9.15
2	13.68	13.74	....	10.82	9.47	10.04	10.54	11.11	11.24	....	8.24	9.17
3	13.68	13.75	12.36	10.78	....	10.05	10.56	11.13	11.24	....	8.24	9.19
4	13.68	13.76	12.38	10.75	....	10.08	10.58	11.14	....	....	8.24	9.22
5	13.67	13.76	12.28	10.73	9.42	10.10	10.60	11.15	....	....	8.26	9.27
6	13.67	13.77	12.10	10.70	9.42	10.12	10.63	11.17	11.38	....	8.29	9.29
7	13.68	13.77	12.02	10.68	9.42	10.14	....	11.18	....	....	8.31	9.29
8	13.68	13.78	11.96	10.60	9.43	10.16	10.66	11.20	....	....	8.38	9.30
9	13.68	13.79	11.90	10.56	9.42	10.18	10.68	11.22	....	10.82	..	9.32
10	13.68	13.79	11.83	10.50	9.42	10.20	10.70	11.23	....	10.78	8.62	9.36
11	13.68	13.80	11.80	10.43	9.42	10.22	10.72	11.25	....	10.74	8.64	9.38
12	13.68	13.80	11.76	10.38	9.46	10.24	10.73	11.27	....	10.71	8.69	9.41
13	13.68	13.80	11.71	10.33	9.48	10.27	10.75	11.28	11.40	10.69	8.69	9.42
14	13.69	13.81	11.65	10.29	9.49	10.28	....	11.30	11.43	10.66	8.75	9.43
15	13.69	13.81	11.61	10.26	9.50	10.31	....	....	....	10.62	8.76	9.46
16	13.69	13.79	11.59	10.21	....	10.32	....	....	....	10.54	8.78	9.50
17	13.69	13.53	11.56	10.18	....	10.36	10.81	....	....	....	8.81	9.50
18	13.69	13.41	11.53	10.12	....	10.38	10.83	....	....	....	8.83	9.52
19	13.69	13.37	11.50	10.08	9.65	10.40	10.85	....	....	8.98	8.84	9.56
20	13.69	13.33	11.46	9.95	9.68	10.41	....	11.40	....	8.76	8.88	9.59
21	13.72	13.29	11.44	9.90	9.71	10.43	....	11.43	....	8.72	8.91	9.61
22	13.72	13.22	11.42	9.84	9.75	10.44	....	....	....	8.52	8.94	9.62
23	13.72	13.06	11.40	9.78	9.79	10.44	....	....	....	8.44	8.95	9.64
24	13.72	12.98	11.39	9.72	9.80	10.42	10.98	....	11.33	8.39	8.97	9.69
25	13.73	....	11.38	9.67	9.85	10.41	11.00	....	11.30	8.34	9.01	9.71
26	13.73	....	11.32	9.65	9.88	10.42	11.03	....	11.27	8.30	9.03	9.72
27	13.74	....	11.22	9.60	9.90	10.45	11.05	11.31	11.25	8.26	9.03	9.74
28	13.74	....	11.12	9.51	9.91	10.46	11.07	11.32	11.25	8.25	9.06	9.75
29	13.74	....	11.03	9.54	9.94	10.48	11.08	11.32	11.23	8.22	9.11	9.74
30	13.74	....	10.95	9.51	9.97	10.50	11.09	11.31	11.20	8.21	9.14	9.73
31	13.74	....	10.90	....	9.98	....	11.10	11.27	....	8.23	....	9.74

Thunder Bay District

Observation Well No.74. - Paipoonge Township, Con II, lot 13, Kaministiquia River watershed. Property of C.Hanna. Used dug well; diameter, 4 feet; depth 30 feet; sand aquifer. Measuring point, top of concrete cover 1 foot above land surface. Measurements made by J. K. Knights.

Distances of water level below land surface:

1953				1954			
	feet		feet		feet		feet
Jan. 30	20.63	July 30	18.78	Jan. 30	18.85	July 30	15.44
Feb. 28	20.90	Aug. 31	17.11	Mar. 5	22.67	Aug. 30	17.70
Mar. 30	17.36	Sep. 30	18.97	Apr. 3	20.55	Sept. 28	16.38
Apr. 30	16.22	Oct. 31	16.70	Apr. 30	15.34	Oct. 31	19.56
June 1	7.72	Nov. 30	18.58	June 1	5.69	Dec. 4	21.42
June 30	10.29	Dec. 31	18.50	June 30	9.59	Dec. 31	21.30

Waterloo County

Observation Well No. 32. - Town of Elmira, Grand River watershed. Property of Elmira Public Utilities Commission. Municipal drilled well; diameter, 20 inches; depth, 118 feet; sand and gravel aquifer. Measuring point, top of nipple 1.16 feet above land surface. Measurements made by employees of Public Utilities Commission.

Distances of water level below land surface:

1953				1954			
	feet		feet		feet		feet
Jan. 11	25.82	May 31	18.04	Jan. 9	23.14	July 1	19.84
Feb. 1	34.46	July 1	21.71	Mar. 6	20.14	Aug. 2	20.04
Mar. 1	20.00	Aug. 7	17.86	Apr. 3	24.04	Sept. 7	20.54
Mar. 29	18.70					Oct. 3	21.44

Observation Well No. 33. - Township of Elmira, Grand River watershed. Property of Elmira Public Utilities Commission. Municipal drilled well; diameter, 20 inches; depth, 59 feet; sand and gravel aquifer. Measuring point air-line opening at base of pump 0.3 feet above land surface. Measurements made by employees of Public Utilities Commission.

Distances of water level below land surface:

1953				1954			
	feet		feet		feet		feet
Jan. 11	12.57	May 31	8.48	Jan. 9	12.87	Aug. 2	12.27
Feb. 1	13.54	July 1	9.76	Mar. 6	12.37	Sept. 7	12.47
Mar. 1	12.21	Aug. 7	7.07	Apr. 3	12.37	Oct. 3	11.87
Mar. 29	12.00			July 1	12.37		

Observation Well No. 34. - City of Kitchener, Shoemaker Street pumping station, Grand River watershed. Property of Kitchener waterworks. Abandoned municipal drilled well; diameter, 1 foot; depth, 370 feet; dolomite aquifer. Elevation, 1058 feet above sea level. Measuring point, top of casing 1 foot above land surface. Measurements made by J. S. Leslie.

Distances of water level below land surface:

1953				1954			
	feet		feet		feet		feet
Jan. 3	25.19	July 1	26.36	Jan. 1	24.36	July 1	26.16
Feb. 1	28.46	Aug. 1	25.18	Feb. 1	23.74	Aug. 1	25.24
Mar. 1	26.66	Sept. 1	26.26	Mar. 1	23.68	Sept. 1	26.41
Apr. 1	25.62	Oct. 1	26.46	Apr. 1	22.25	Oct. 1	27.33
May 1	27.18	Nov. 2	24.80	May 1	22.37	Nov. 1	23.84
June 1	25.99	Dec. 1	24.55	June 1	21.33	Dec. 1	22.62

Observation Well No. 35. - City of Kitchener, Shoemaker Street pumping station, Grand River watershed. Property of Kitchener waterworks. Abandoned municipal drilled well; diameter, 1 foot; depth, 196 feet; dolomite aquifer. Elevation 1,058 feet above sea level. Measuring point, top of casing 1 foot above land surface. Measurements made by J. S. Leslie.

Distances of water level below land surface:

1953

		feet			feet
Jan.	3	16.58	July	1	24.84
Feb.	1	26.79	Aug.	1	20.23
Mar.	1	27.80	Sept.	1	26.94
Apr.	1	25.68	Oct.	1	27.26
May	1	28.58	Nov.	2	22.62
June	1	23.03	Dec.	1	22.83

1954

		feet			feet
Jan.	1	22.64	July	1	18.39
Feb.	1	17.99	Aug.	1	17.35
Mar.	1	17.62	Sept.	1	19.25
Apr.	1	14.92	Oct.	1	20.38
May	1	13.94	Nov.	1	12.48
June	1	14.18	Dec.	1	12.33

Observation Well No.59. - City of Kitchener, Strange Street, Grand River watershed. Property of Kitchener waterworks. Abandoned municipal drilled well; diameter, 1 foot; depth, 202 feet; dolomite aquifer. Elevation, 1070 feet above sea level. Measuring point, top of wooden plank level with land surface. Measurements made by E.G. Boeckner.

Distances of water level below land surface:

1953

		feet			feet
Jan.	4	43.30	July	5	49.50
Feb.	1	47.50	Aug.	2	44.30
Mar.	1	43.60	Sept.	6	43.80
Apr.	5	40.80	Oct.	4	43.40
May	3	43.70	Nov.	1	48.20
June	7	44.40	Dec.	6	45.50

1954

		feet			feet
Jan.	3	40.00	July	4	47.40
Feb.	7	46.70	Aug.	1	47.20
Mar.	7	43.00	Sept.	5	46.90
Apr.	11	46.20	Oct.	3	46.30
May	2	46.20	Nov.	7	42.70
June	13	45.00	Dec.	5	43.60

Welland County

Observation Well No.2. - Humberstone township, Con. I, lot 15, adjacent to Lake Erie. Property of W.R.Davison. Used drill well; diameter, 6 inches; depth, 32.5 feet; limestone aquifer. Elevation, 582 feet above sea level. Measuring point, top of casing 2 feet above land surface. Measurements made by W.R. Davison.

Distances of water level below land surface:

1953

		feet			feet
Apr.	18	6.24	July	17	10.50
			Aug.	11	9.69

1954

		feet			feet
Apr.	10	5.52	July	25	11.90
June	5	6.73			

Observation Well No.3. - Pelham township, Con.VIII, lot 5, Welland River watershed. Property of F.Misener. Used dug well; diameter, 5 feet; depth, 21 feet; sand aquifer. Elevation, 688 feet above sea level. Measuring point, top of wooden covering level with land surface. Measurements made by F. Misener.

Distances of water level below land surface:

1953

		feet
Apr.	18	13.50

1954

		feet			feet
Feb.	10	14.41	Nov.	2	13.20
June	6	12.69			

Wellington County

Observation Well No.43. - Nichol township, Con V, lot 10, Grand River watershed. Property of Dr. O.M. McConkey. Used dug well; diameter, 3 feet; depth, 30 feet; glacial deposit aquifer. Measuring point top of wooden covering level with ground surface. Measurements made by Dr. O.M. McConkey.

Distances of water level below land surface:

1953				1954			
	feet		feet		feet		feet
Jan. 10	12.00	Sept. 20	14.70	Jan. 3	21.00	July 16	10.80
Feb. 15	12.90	Oct. 5	15.20	Jan. 16	21.40	Aug. 16	13.20
Apr. 11	10.00	Oct. 18	17.80	Jan. 24	21.70	Sept. 5	15.70
May 3	8.50	Oct. 27	18.90	Mar. 2	14.30	Oct. 9	15.90
June 14	8.70	Nov. 22	21.70	Apr. 18	8.60	Oct. 24	8.70
Aug. 23	12.50	Dec. 6	22.40	May 31	8.70	Dec. 18	8.98
Sept. 11	13.50	Dec. 20	22.20				

Observation Well No.47. - City of Guelph, Emma Street, Grand River watershed. Property of Guelph Public Utilities Commission. Used municipal drilled well; diameter, 12 inches; depth 152 feet 8 inches; dolomite aquifer. Measurements computed from air-line readings taken by H. Theaker.

Distances of water level below land surface:

1954			
	feet		feet
Feb. 4	89.	Aug. 25	53.
Mar. 24	51.	Sept. 27	52.
Apr. 29	46.	Oct. 21	45.
June 16	51.	Nov. 8	45.
July 15	61.	Dec. 2	46.

Observation Well No.48. - City of Guelph, Metcalfe Street, Grand River watershed. Property of Guelph Public Utilities Commission. Abandoned municipal drilled well; diameter, 12 inches; depth, 202 feet; dolomite aquifer. Measurements computed from air-line readings taken by H. Theaker.

Distances of water level below land surface:

1954			
	feet		feet
Feb. 4	105.	Aug. 25	101.
Mar. 24	93.	Sept. 27	101.
Apr. 29	87.	Oct. 21	90.
June 16	95.	Nov. 8	90.
July 15	101.	Dec. 2	94.

York County

Observation Well No.6. - Markham township, Con.III, lot 3, little Don River watershed. Property of the township of North York. Test hole; diameter, 5 inches; depth, 139 feet; sand and gravel aquifer. Measuring point, top of casing 1 foot above land surface. Automatic recorder installed September 13, 1951. Measurements made by W. Gourlay.

Daily lowest water level below land surface
(from recorder charts):

1953												
Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	9.71	9.05	9.74	9.13	9.35	9.75	10.13	10.70	11.14	10.78	10.63	10.87
2	9.63	9.06	9.70	9.29	9.30	9.80	9.98	10.71	11.14	10.76	10.58	10.84
3	9.57	9.02	9.60	9.27	9.35	9.82	10.11	10.73	11.17	10.72	10.62	10.78
4	9.65	9.04	9.18	9.25	9.34	9.76	10.13	10.69	11.16	10.66	10.79	10.74
5	9.63	9.00	9.46	9.33	9.32	9.73	10.09	10.65	11.16	10.65	10.87	10.89
6	9.80	8.87	9.55	9.33	9.33	9.71	10.08	10.70	11.02	10.65	10.86	10.80
7	9.87	8.85	9.60	9.40	9.35	9.82	10.10	10.67	11.00	10.71	10.76	10.92
8	9.77	8.85	9.48	9.45	9.43	9.82	10.15	10.63	11.04	10.71	10.66	10.90
9	9.70	9.01	9.52	9.38	9.49	9.86	10.23	10.65	11.07	10.63	10.80	10.88
10	9.67	9.01	9.62	9.27	9.52	9.90	10.24	...	11.06	10.59	10.80	10.88
11	9.72	8.75	9.54	9.47	9.50	9.93	10.23	10.65	10.99	10.59	10.76	10.87
12	9.78	8.75	9.50	9.45	9.55	9.92	10.22	10.71	10.89	10.67	10.82	10.81

Daily lowest water level below land surface (from
recorder charts):
1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
13	9.75	8.83	9.45	9.43	9.67	9.85	10.18	10.70	10.92	10.71	10.80	10.82
14	9.75	9.12	9.49	9.52	9.68	9.93	10.22	10.68	10.91	10.66	10.76	10.75
15	9.68	9.08	9.40	9.52	9.64	9.93	10.27	10.65	10.88	10.54	10.72	10.83
16	9.78	9.18	9.35	9.38	9.63	9.89	10.28	10.74	10.92	10.62	10.73	10.89
17	9.73	9.36	9.37	9.48	9.58	9.90	10.26	10.74	10.95	10.63	10.81	10.94
18	9.38	9.42	9.35	9.48	9.62	9.93	10.25	10.71	10.94	10.63	10.81	10.85
19	9.45	9.47	9.38	9.47	9.64	9.95	10.24	10.73	10.82	10.60	10.83	10.80
20	9.46	9.37	9.50	9.42	9.69	9.95	10.32	10.80	10.77	10.63	10.81	10.64
21	9.47	9.35	9.49	9.50	9.70	10.01	10.33	10.87	10.85	10.65	10.77	10.65
22	9.27	9.45	9.40	9.48	9.63	10.03	10.32	10.87	10.92	10.60	10.76	10.68
23	9.15	9.41	9.32	9.60	9.77	10.10	10.38	10.77	10.98	10.50	10.59	10.69
24	8.84	9.37	9.24	9.66	9.78	10.12	....	10.87	10.88	10.54	10.54	10.56
25	9.16	9.40	9.19	9.52	9.77	10.05	10.69	10.93	10.77	10.58	10.53	10.38
26	9.22	9.27	9.17	9.40	9.72	10.10	10.60	10.95	10.64	10.55	10.72	10.55
27	9.14	9.46	9.08	9.40	9.76	10.17	10.56	10.90	10.63	10.52	10.73	10.58
28	8.83	9.62	9.06	9.53	9.84	10.12	10.58	10.96	10.64	10.46	10.79	10.43
29	8.84	....	9.22	9.56	9.82	10.18	10.57	11.00	10.73	10.57	10.80	10.43
30	9.05	....	9.22	9.52	9.68	10.16	10.63	11.05	10.73	10.61	10.75	10.52
31	8.93	....	9.17	....	9.65	....	10.64	11.12	....	10.60	....	10.56

Daily lowest water level below land surface (from
recorder charts):
1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	....	feet	feet	feet	feet	feet	feet	feet	feet
1	10.66	10.14	9.42	....	11.11	11.72	12.23	12.73	12.73	12.65	....	....
2	10.66	10.00	9.36	....	11.15	11.84	12.28	12.65	12.71	12.63	....	....
3	10.73	10.13	9.33	....	11.10	11.82	12.30	12.63	12.84	12.38	....	....
4	10.48	10.04	9.36	....	11.21	11.85	12.27	12.63	12.88	12.28	....	8.89
5	10.56	10.04	9.39	....	11.20	11.90	12.30	12.67	12.83	12.35	....	9.05
6	10.67	10.20	9.39	....	11.27	11.93	12.30	12.72	12.86	12.52	....	9.11
7	....	10.20	9.46	....	11.27	11.94	12.36	12.79	12.75	12.55	....	9.02
8	....	....	9.47	....	11.22	11.96	12.41	12.85	12.95	12.40	....	8.85
9	....	9.99	9.45	....	11.25	11.97	12.46	12.84	12.97	12.25	....	8.73
10	....	10.07	9.46	....	11.27	11.94	12.48	12.79	12.80	12.27	....	8.99
11	....	10.26	9.51	....	11.30	12.03	12.48	12.82	12.90	12.15	....	9.05
12	....	10.32	9.51	....	11.43	12.02	12.45	12.92	12.97	12.16	....	9.02
13	....	10.20	9.55	....	11.47	11.96	12.40	12.97	12.90	12.24	9.34	9.04
14	....	10.08	9.58	....	11.46	12.01	12.47	12.94	12.83	12.23	9.22	8.92
15	....	10.02	9.75	....	11.42	12.04	12.63	12.84	12.80	12.05	9.26	8.81
16	....	9.91	....	....	11.38	12.08	12.69	12.90	12.77	....	9.06	9.12
17	....	9.78	....	....	11.48	12.14	12.67	12.93	12.77	....	9.13	9.12
18	....	9.78	....	....	11.50	12.15	12.60	12.92	12.75	....	9.10	8.78
19	....	9.77	....	....	11.57	12.05	12.66	12.91	12.66	9.95	9.01	8.80
20	....	9.73	....	....	11.59	12.06	12.67	13.00	12.75	9.79	9.00	...
21	....	9.57	....	....	11.59	12.03	12.70	13.08	12.74	9.68	9.03	...
22	....	9.55	....	....	11.65	12.16	12.70	13.12	12.80	9.73	9.05	...
23	10.42	9.55	....	....	11.70	12.18	12.74	13.07	12.97	9.71	9.05	...
24	10.28	9.48	....	....	11.68	12.11	12.76	13.02	12.98	9.75	8.91	...
25	10.36	9.48	....	....	11.73	11.94	....	13.53	12.75	9.68	8.93	...
26	10.30	9.58	....	....	11.83	12.14	....	12.75	12.79	9.53	8.95	...
27	10.25	9.58	....	....	11.81	12.22	....	12.76	12.80	9.53	...	...
28	10.35	9.48	....	....	11.68	12.21	....	12.78	12.87	9.53	...	8.95
29	10.25	....	....	....	11.75	12.22	....	12.76	12.88	9.36	...	...
30	10.17	....	....	....	11.83	....	....	12.68	12.81	....	...	...
31	10.23	....	....	....	11.83	....	12.70	12.64	....	....	...	...

Observation Well No.20. - North York township, Con III W, lot 9, Humber River watershed. Property of Kilmer van Nostrand Limited, Wilson Avenue. Abandoned drilled well diameter, 8 inches; depth, 211 feet, sand and gravel aquifer. Measuring point, top of nipple 0.25 feet above land surface. Measurements made by I.A. Robertson and A. K. Watt.

Distances of water level below land surface:

1953	feet	1954	feet
Jan. 9	124.89	Dec. 29	126.09
Feb. 5	124.91		
Apr. 1	124.48		

Observation Well No.40. - Etobicoke township, Con II, fronting Humber, lot 13, Mimico Creek watershed. Property of Etobicoke township. Abandoned municipal well; diameter, 20 inches; depth, 105 feet; gravel aquifer. Measuring point, top of wooden covering 2 feet above land surface. Automatic recorder installed on December 9, 1954. Measurements made by S. Parker.

Daily lowest water level below land surface
(from recorder charts):
1954

Day	Dec.
	Feet
1	....
2	....
3	....
4	....
5	....
6	....
7	....
8	....
9	21.47
10	21.75
11	21.82
12	21.80
13	21.79
14	21.63
15	21.52
16	21.80
17	21.79
18	21.40
19	21.63
20	21.63
21	21.59
22	21.37
23	21.22
24	21.68
25	21.71
26	21.52
27	21.53
28	21.40
29	21.08
30	20.71
31	20.67

Observation Well No.42. - Etobicoke township, Con II, fronting Humber, lot 13, Mimico Creek watershed. Property of Etobicoke township. Abandoned drilled well; diameter, 4 inches; depth, 105 feet; sand and gravel aquifer. Measuring point top of casing 3 feet above land surface. Weekly automatic recorder installed on April 13, 1950. Measurements made by S. Parker.

Daily lowest water level below land surface (from
recorder charts):

1953

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	....	39.43	38.77	37.89	37.89	35.96	36.27	37.54	38.43	38.50	37.80	37.20
2	....	39.36	38.72	....	37.67	35.92	36.25	37.54	38.50	38.50	37.78	37.20
3	....	39.25	38.58	....	37.65	35.88	36.31	37.59	38.58	38.46	37.75	37.15
4	....	39.25	38.53	....	37.54	35.85	36.36	37.59	38.64	38.36	37.76	37.07
5	....	39.18	38.53	....	37.16	35.69	36.36	37.54	38.73	38.30	37.84	37.12
6	....	39.20	38.74	....	36.80	35.73	36.28	37.63	38.74	38.26	37.84	37.12
7	39.87	39.26	38.74	....	36.60	35.76	36.23	37.64	38.72	38.31	37.83	37.06
8	39.79	39.32	38.54	....	36.46	35.77	36.30	37.60	38.74	38.31	37.51	37.06
9	39.78	39.33	38.53	37.75	36.36	35.70	....	37.56	38.74	38.27	37.65	36.99
10	39.66	39.20	38.53	37.62	36.37	35.72	....	37.62	38.74	38.20	37.66	36.94
11	39.75	39.12	38.46	37.65	36.36	35.80	....	37.65	38.69	38.14	37.65	36.98
12	39.75	38.96	38.38	37.67	36.30	35.80	....	37.66	38.58	38.24	37.65	36.99
13	39.76	39.03	38.39	37.66	36.37	35.65	....	37.71	38.49	38.29	37.65	36.89
14	39.79	39.04	38.37	37.72	36.40	35.67	....	37.70	38.59	38.29	37.58	36.87
15	39.79	39.08	38.37	37.73	36.38	35.69	36.68	37.66	38.59	38.18	37.47	36.84
16	39.76	39.04	38.30	37.73	36.35	35.71	36.67	37.62	38.55	38.07	37.42	36.94
17	39.58	39.06	38.43	37.68	36.35	35.71	36.86	37.70	38.65	38.11	37.46	....
18	39.74	39.05	38.43	37.76	36.27	35.77	36.88	37.74	38.67	38.11	37.47	....
19	39.58	38.92	38.26	37.76	36.29	35.79	36.89	37.74	38.65	38.08	37.45	....
20	39.64	38.93	38.29	37.75	36.45	35.80	37.00	37.74	38.54	38.03	37.41	....
21	39.64	38.93	38.29	37.74	36.46	35.83	37.09	37.79	38.57	38.07	37.36	....
22	39.64	38.80	38.29	37.74	36.42	35.95	37.16	37.80	38.67	38.07	37.30	....
23	39.56	38.65	38.24	37.76	36.54	36.00	37.20	37.79	38.69	38.01	37.27	....
24	39.50	38.65	38.11	37.94	36.56	36.15	37.42	37.80	38.69	37.88	37.25	36.95
25	39.74	38.64	38.04	37.94	36.56	36.15	37.49	37.92	38.59	37.97	37.13	36.82
26	39.74	38.53	....	37.77	36.48	36.16	37.49	38.00	38.46	37.97	37.22	36.68
27	39.44	38.69	....	37.74	36.54	36.25	37.43	38.03	38.39	37.90	37.27	36.78
28	39.35	38.77	....	37.92	36.57	36.24	37.45	38.08	38.40	37.86	37.34	36.79
29	39.44	....	....	37.95	36.53	36.29	37.45	38.19	38.44	37.79	37.34	36.64
30	39.44	....	....	37.95	36.39	36.29	37.45	38.24	38.44	37.85	37.32	36.65
31	39.43	....	37.99	....	36.00	....	37.50	38.33	....	37.84	....	....

Daily lowest water level below land surface (from
recorder charts):

1954

Day	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1	....	35.77	33.40	31.38	29.12	29.73	30.03	30.98	30.87	30.32	27.67	27.53
2	....	35.78	32.70	31.33	29.09	29.71	30.08	30.96	30.85	30.28	27.67	27.59
3	....	35.77	32.82	31.45	29.03	29.71	30.07	30.91	30.84	30.23	27.65	27.28
4	....	35.77	32.82	31.54	29.05	29.70	30.00	30.94	30.90	30.27	27.54	27.20
5	....	35.76	32.66	31.35	29.05	29.78	29.91	30.91	30.80	30.32	27.59	27.15
6	36.50	35.75	32.55	31.18	29.10	29.83	29.92	30.93	30.82	30.43	27.60	27.26
7	36.52	35.48	32.40	31.23	29.10	29.85	29.88	30.94	30.69	30.51	27.60	27.26
8	36.60	35.48	32.40	31.40	29.14	29.96	29.97	30.91	30.76	30.37	27.62	27.12
9	36.61	....	32.33	31.47	29.14	30.02	30.07	30.87	30.76	30.10	27.68	27.05
10	36.49	....	32.20	31.25	29.11	30.02	30.11	30.82	30.65	30.02	27.73	26.91
11	36.49	....	32.30	31.03	29.09	30.23	30.12	30.80	30.65	29.91	27.73	27.02
12	36.32	....	32.38	31.16	29.23	30.23	30.07	30.91	30.74	29.96	27.55	27.04
13	36.49	....	32.35	31.02	29.31	30.17	30.20	30.95	30.69	30.12	27.56	27.06
14	36.49	....	32.12	30.98	29.31	30.16	30.30	30.96	30.67	30.12	27.37	27.06
15	36.34	....	32.38	31.01	29.27	30.19	30.57	30.86	30.66	29.85	27.47	26.80
16	36.29	35.41	32.46	30.75	29.15	30.26	30.70	30.83	30.56	28.96	27.47	26.85
17	36.41	35.41	32.43	30.31	29.20	30.29	30.70	30.90	30.56	....	27.43	26.90
18	36.40	35.33	32.34	29.66	29.23	30.32	30.67	30.84	30.49	....	27.43	26.89
19	36.27	34.97	32.22	29.65	29.31	30.24	30.77	30.75	30.37	....	27.42	26.79
20	36.27	34.85	32.12	29.63	29.35	30.12	30.77	30.98	30.37	....	27.30	26.84
21	36.33	34.85	32.27	29.52	29.33	30.05	30.70	31.13	30.37	28.08	27.28	....
22	36.37	34.52	32.27	29.26	29.40	30.02	30.70	31.14	30.52	27.98	27.29	26.86
23	36.38	34.19	32.27	29.31	29.48	30.15	30.72	31.14	30.58	27.98	27.30	26.82
24	36.28	34.11	32.31	29.33	29.48	30.18	30.88	31.14	30.60	27.94	27.30	26.72
25	36.08	33.99	32.20	29.25	29.52	30.07	30.95	31.01	30.40	27.94	27.25	26.91
26	36.03	33.88	32.03	29.29	29.65	29.93	31.04	31.04	30.30	27.94	27.31	26.91
27	36.09	33.79	32.03	29.08	29.67	30.05	31.09	31.04	30.32	27.55	27.15	26.91
28	35.98	33.50	31.72	29.21	29.52	30.10	31.17	31.01	30.37	27.58	27.15	26.91
29	35.95	....	31.56	29.23	29.52	30.12	31.17	30.92	30.37	27.56	27.12	26.65
30	35.94	....	31.45	29.16	29.62	30.05	31.08	30.83	30.30	27.47	27.53	26.20
31	35.72	....	31.45	....	29.74	....	31.07	30.83	....	27.62	....	26.24

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Abbott, M.	R.R.1, Kingsville	L	9	L	13
Adams, J.W.	R.R.2, Ramsayville	L		L	
Adams, T.H.	Hurdman's Bridge	L	33	L	32
Albert E.	R.R.2, Val d'Or, Abitibi, Que.	L		L	
Anderson, J.A.	Freelton	L	2	L	
Archibald, B.	Bruce Mines		1		
Archibald, W.F.	R.R.3, Sault Ste. Marie	L	3	L	4
Ashbaugh, D. & M.	Mount Hope		16		34
Ashbaugh, D.		L			
Ashbaugh, M.		L			
Babiuk, M.	590 Burnhamthorpe Rd. Toronto 18.	L	14	L	14
Bailey & Lloyd	250 Front St. N. Campbellford		20		18
Bailey, J.C.		L		L	
Lloyd, G.W.		L		L	
Baldwin, W.H.	R.R.1, Kirkfield	L	10	L	21
Baldwin, E.				L	
Southern E.H.		L		L	
Barker, P.	R.R.3, Sault Ste. Marie	L		L	2
Allan, W.		L		L	
Barr, W.H.	R.R.3, Pakenham	L	1	L	
Bartley, C.	R.R.3, Collingwood	L		L	9
Bell, E.	Box 74, Mitchell	L	5	L	6
Bellerby, M.S.	R.R.4, Owen Sound		14	L	12
Bellerby, O.R.	Shelburne		5		
Belore & Burwell	Courtland		5		
Belore, W.A.		L		L	
Burwell, W.L.		L		L	
Belore, W.A.	Courtland		2	L	6
Bingham, J.	R.R.2, Stouffville	L			
Black, C.F.	170 First Ave. Brockville	L			
Blain T.E.	R.R.1, New Liskeard	L	1	L	3
Blakely, H.C.	Box 129, Whitby	L	4	L	
Boadway, F.R.	Sutton West	L	36	L	39
Boettger, F.	Box 33, Neustadt	L	4	L	5
Bonnin, F.V.	9 Stevens St. Oakbine, Tarentorus	L	16		5
Bourdon, A.	St. Isidore de Prescott			L	10
Bradley Bros.	66 Lebel St. Kirkland Lake		14		5
Bradley, P.E.		L		L	
Bradley, S.		L		L	
Bradley, G.	Stittsville	L			
Bradley, P.F.	66 Lebel St. Kirkland Lake	L		L	
Bradley, S.	R.R.1, Sturgeon Falls	L	10	L	12
Bradville Drilling & Exploration Co.	Kirkland Lake		1		
Gelinas, R.		L		L	
LeBlanc, A.		L		L	
Mainville, R.		L			
Brandon, H. & Sons	Courtright		13		26
Brandon, H.		L		L	
Brandon, N.				L	
Brochu, W.C.	116 Highland Rd. North Bay	L	10	L	1
Brodie & Dennis	11 Byron St. Georgetown		26		13
Brodie, R.		L			
Dennis, F.M.		L			
Brohm, M.	Norland	L	4	L	
Burwell, W.L.	R.R.4, Tillsonburg	L	1	L	5
Campbell, B.	Box 356, Chesterville		6	L	6
Campbell, L.G.	Box 478, Kingsville	L		L	2
Campbell, R.M.	Morpeth			L	6
Canadian Longyear Ltd.	North Bay	L	5		3
Gardiner, L.L.				L	
Sabourin, R.				L	

APPENDIX B- DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Caron, J.E.	57 Bourque N., Hull, Que.	L			
Casselman, R.H.	Williamsburg	L	23	L	35
Barkley		L		L	
Weegar, G.L.		L		L	
Caughell Bros.			9		5
Caughell, G.		L		L	
Cayer, Alcide	St. Albert	L	8	L	6
Cayer Alphonse		L			
Chalk, G.H.	R.R. 6, Napanee	L	13	L	53
Stone, D.J.		L		L	
Chalk, G.S.	Box 435, Napanee	L	7		
Chalk, G.H.		L		L	
Mills, M.C.		L			
Challoner, R.F.	15 Johnson Ave. Thornhill	L	18	L	16
Charbonneau, G.	R.R.1, Orleans			L	2
Charlebois, J.A.	Alexandria	L	7	L	4
Christy, W.C.	Vars	L	13	L	9
Clark, A.B.	Box 207, Station D. Hamilton	L	43		47
Scriven, W.		L		L	
Clark, A.M.	R.R.1, Sault Ste. Marie	L	2		
Clark, J.	204 Hollywood Dr. Keswick	L	1	L	
MacDonald C.		L		L	
Cole, G.	Underwood	L			
Conlon, V.	R.R.1, Port Lambton	L	10	L	6
Connell, A.B.	Box 6, Manitowanning	L			
Connor, R.	Ingersoll			L	1
Constable, F.	R.R.2, Woodbridge	L	19	L	45
Adams, G.		L		L	
Burbidge, L.		L		L	
Clubine, D.				L	
Core, E.A.	Milton	L	15	L	13
Core, R.P.	Box 442, Milton	L	11	L	22
Core, W.E.	161 Queen St.E. Brampton	L	9	L	9
Coulter, S.	Echo Bay	L	1		1
Coupland, M.	R.R. 2, Barrie	L	14	L	15
Cross, H.E.	Ryckman's Corners		32		38
Felker, H.		L		L	
Currie, E.	Dobbinton	L	1	L	
Currie, A.		L		L	
Curtis, T.J.	Peterborough	L	2	L	
Dale, W.B.	R.R.2, Wilton Grove	L	11	L	15
Telfer, W.		L			
Davey, G.H.	R.R.4, Kingston	L	3	L	10
Davidson, F.L.	Box 137, Wingham	L	45	L	28
Baker, J.E.		L		L	
McLaughlin, K.A.		L		L	
Sturdy, F.H.		L		L	
Davidson, G.L.		L	30	L	46
Baker, J.E.		L		L	
McLaughlin, K.A.		L		L	
Reid, V.		L		L	
Thompson, E.		L		L	
Davis, H.	R.R.1, Jellyby	L	4	L	13
Davis, I.L.	131 Campbell St. Brantford	L	9	L	11
Davis, T.L.	Jellyby		1	L	5
Davy, W.H. & Son	Verona		130		140
Davy, W.F.		L		L	
Davy, W.H.		L		L	
Knox, J.				L	
Demaray & Nichols	R.R.1, Kerrwood				1
Carrothers, I.		L		L	
Demaray, C.		L		L	
Nichols, C.W.C.				L	

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Demarell, T.J.	R.R.2, Charlton	L		L	1
Dennis, G.A. & Sons	R.R.2, Selkirk		4		3
Dennis, G.A.		L		L	
Dinardo, D.	82 Beech St., Ottawa	L			
Dinsmore, W.W.	R.R.1, Thornbury	L	9	L	8
McGuire, R.		L		L	
Dixon, R.	115 Albion, Brantford	L	2	L	
Dodge, W.P.	49 Ball St., Tillsonburg	L	3	L	1
Dodge, R.N.		L			
Dodge, S.A.				L	
Logan, W.G.		L			
Neville, R.P.				L	
Oatman, J.		L		L	
Dolan, J.	246 Breezehill Ave., Ottawa			L	7
Fleury, F.		L			
Dominion Drilling & Equipment Co.	113 Darling St., Brantford		6		7
Andrews, F.W.		L		L	
Drewery, P.W.	R.R.1, Blenheim		1		
Drury, H.	Blenheim	L		L	
Dubeau, N.	313 Seventh St., Cochrane	L	3	L	3
Duce, G.E.	R.R.3, Fort William	L	15	L	6
Dufresne, C.	103 Sweetland Ave., Ottawa	L	21	L	13
Dufresne, J.B.	931 Maitland Ave., Ottawa	L	69	L	57
Bernier, G.		L			
Cossette, F.R.		L		L	
Roy, W.		L		L	
Earl, S.	R.R.2, Kerrwood		2		4
Earl, T.W.		L		L	
Lather, A.		L		L	
Economical Water Supply	R.R.2, Fletcher		25		52
Kys, F.		L		L	
Zlamal, F.		L		L	
Ellacott Well Drilling	21 Morgan Ave., Doncaster		10		14
Ellacott, J.F.				L	
Embleton, R. & Son	R.R.3, Hamilton		29		35
Embleton, R.		L		L	
Embleton, R.W.		L		L	
Faubert, L.	Paincourt	L	60	L	39
Faubert, L.H.	R.R.1, Eberts		1	L	1
Faulkner, N.N.	687 Water St. Peterborough	L	114	L	122
Dunlop, M.B.				L	
Faulkner, C.M.		L		L	
Lang, F.G.		L		L	
Featherstone, D.	71 Layton St. Kitchener	L			
Featherstone, R.D.	245 Dumfries St. Caledonia	L	14	L	9
Ferguson, J.R.	Maxville			L	4
Field, W.L. & Son	R.R.1, Vineland		22		18
Field, W.L.		L		L	
Field, W.O.				L	
Field, W.R.		L		L	
Findlay, B.	75 Northwood Dr. Newtonbrook	L	42	L	34
Davis, R.F.				L	
Fischer, F.J.	20 Macville Ave. Bridgeport	L	1	L	2
Fockler, G.	Box 63, Ringwood	L	8	L	11
Francis, W.E.	Thornhill	L			
Fraser, C.J.	Box 293, Marmora		63	L	38
Hammers, H.				L	
Friesen Drillers	Box 136, Steinbach, Man.				2
Friesen, J.F.				L	

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Madke, R.H.	R.R.1, Clifford	L	5	L	
Webber, L.		L		L	
Magnon, H.	103 Louis St., Sudbury			L	
Gallagher & Barton	Peterborough		23		
Barton B.B.		L			
Gallagher H.C.		L		L	
Gallagher, H.C.	Peterborough	L	10	L	5
Hartshore, W.F.	Sharon	L	5	L	4
Gasparetto, H.A.	R.R.1, Sault Ste. Marie	L		L	1
Jates, J.M.	R.R.3, Gananoque	L	20		
Morrison, A.E.		L		L	
Gauthier, A.	R.R.3, Chesterville	L	26	L	15
Gauthier, H.	Pearson	L		L	
George, W.J.	Wardsville	L	11	L	7
Bruggeman, A.L.		L		L	
Ghent, A. & Son	46 Graham St., Woodstock		13		13
Ghent, A.		L		L	
Ghent, D.		L		L	
Hiles, F.W.	67 Pemberton Rd., Richmond Hill	L		L	2
Hill, S.R.	55 Alpine Ave., Hamilton	L	15	L	44
Chivers, L.		L		L	
Lewis, R.				L	
Hilray, T.	Rocklyn	L	2		
Woodberry, C.	Box 115, Verona		28		36
Babcock, G.H.		L		L	
Cronk, L.C.				L	
McCumber, P.E.				L	
Ruttan, B.		L		L	
Gooding & Pedlar	Parkhill		7		
Gooding, H.		L		L	
Hough, M.	R.R.3, Strathroy				1
How, O.H.	R.R.4, Fergus	L	19	L	18
Grummett, E.		L		L	
Holmes, D.		L			
Graham, D.	R.R.2, Stouffville	L	16		24
White, T.		L		L	
Graham, J.L.	R.R.3, Guelph	L	39	L	40
Collingridge, W.H.		L			
Earley, A.		L		L	
Graham, R.H.				L	
Henderson, J.W.		L		L	
Moore, W.		L			
Peres, G.				L	
Brexton, J.A.	Bruce Mines	L	5	L	4
Groleau Bros.	44 Taschereau St. E., Rouyn, Que.		10		5
Groleau, A.		L			
Groleau, F.		L		L	
Groleau, D.	691 Murdoch Ave., Noranda, Que.	L	15	L	13
Malford R.	R.R.2, Port Hope	L	21	L	11
Hammond, F.C.	Box 592, Huntsville	L	29	L	23
Clark, H.J.		L		L	
Collins, N.		L		L	
Ripper, D.				L	
Harrison, F.	Box 151, Thornhill	L	20	L	15
Hart, G. & Sons	R.R.1, Fenelon Falls		41		41
Hart, D.		L		L	
Hart, G.		L		L	
Hart, K.		L		L	
Harvie, R.	R.R.1, Branchton	L			
Haskell, A.E.	Bright	L		L	35
Steinman, N.				L	
Hayden, J.D.	198 Springbank Rd., London	L	13	L	21
Burnett, S.				L	
Hayden, L. & Son	R.R.4, Denfield		5		

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Hayden, J.D.		L		L	
Hayden, L.		L			
Heal, A.A.	Box 264, Watford	L	46	L	34
Ward, M.E.		L		L	
Heil Bros.	107 James St., Essex				11
Heil, J.				L	
Hernandez, M. & Son	Box 262, Harrow		26		38
Hernandez, E.		L		L	
Hernandez, J.A.				L	
Hernandez, M.		L		L	
Hicks & Hawkes	R.R.2, South Woodslee				1
Hawkes, H.				L	
Hicks, J.				L	
Hicks, J.T.	Box 514, Haileybury	L			
Hill, C.	R.R.2, Elora	L	24	L	33
Cudney, J.				L	
Gibson, L.C.		L			
Hirons, E.	Ivy	L	7	L	3
Hodgson, R.	R.R.1, Vittoria			L	10
Hollingshead, F.	Box 17, Holland Landing	L	5	L	3
Hollingshead, N.D.				L	
Hooper, M.B.	R.R.2, Ingersoll			L	4
Hoover, E.E.	307 Talbot St. E., Aylmer	L	12	L	21
Hoover, L.		L		L	
Hopper, W.D. & Sons	R.R.2, Seaforth		32		28
Hopper, J.				L	
Hopper, N.		L		L	
Hopper, W.D.		L		L	
Hoskin Bros.	R.R.1, Burketon		38		78
Hoskin, G.J.		L		L	
Hoskin, L.R.		L		L	
Hoskin, L.R.	R.R.1, Burketon	L		L	6
Howell, L.J.	Box 149, Coldwater	L	7	L	7
Andrews, L.E.		L		L	
Howell, R.W.		L		L	
Sallows, T.				L	
Huffman, B. & Sons	494 Lakeshore Rd., Mimico		5		14
Huffman, J.B.				L	
Huffman, W.		L		L	
Hunter, F.	R.R.2, Woodslee	L	32	L	20
Hutchins, F.A. & Son	R.R.2, Amherstburg		6		7
Hutchins, F.A.		L		L	
Hutchins, H.F.		L		L	
International Water Supply, Ltd.	12 Maitland St., London		74		141
Abbott, B.S.		L		L	
Abbott, M.I.		L			
Abbott, N.R.		L			
Abbott, S.C.		L			
Barnhardt, F.J.		L		L	
Bauerlein, D.		L		L	
Collins, C.M.		L			
Demytruk, P.		L		L	
Duncan, H.J.				L	
Hopper, F.G.		L		L	
Hopper, R.R.		L			
Hykin, A.		L			
Kyle, T.					
Labrie, E.				L	
Lalonde, R.		L			
Laur, E.		L			
Lougheed, D.		L		L	
McDonald, G.		L		L	
McGeachy, J.		L		L	

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Magee, C.E.		L		L	
Nisbet, J.F.		L		L	
Oliver, L.				L	
Shantz, L.C.		L		L	
Speers, L.		L		L	
Stroh, R.E.		L		L	
Tillapau, F.				L	
Ziler, T.				L	
Jackson, F.	Baden	L			
Jacobson, D.P.	175 Main St. N., Georgetown	L	7	L	13
Jacobson, E.E.		L		L	
Jacobson, P.	R.R.2, Port Credit	L			
Janzen, J.	181 Talbot St., Kitchener			L	4
Jefferson Drilling Co.	Box 31, Oak Ridges		9		6
Brown, H.E.		L		L	
Johnson, W.C.	R.R.2, Maidstone	L	7	L	1
Smith, J.H.		L			
Johnston, J.H.	Blenheim	L			
Johnston, S. & Son	Box 152, Ridgeway		19		13
Johnston, E.		L		L	
Johnston, S.		L		L	
Johnston Well Drillers	786 Little Hill St., London		12		12
Johnston, J.B.		L		L	
Jones, H.E.	R.R.2, Trenton			L	7
Josh, E.	North Burnaby, B.C.	L	1		
Keeso, C.H.	R.R.1, Listowel	L	14	L	20
Keeso, E.A.	Box 43, Clifford	L	18	L	19
Gadke, R.H.		L		L	
Speers, L.		L		L	
Webber, L.		L		L	
Kemp, R.	R.R.3, Tilbury	L		L	
Kennedy, A.	Box 101, Havelock	L	28	L	37
Keating, G.E.		L		L	
Kenny, O.E.	Lyndhurst	L			
Kenny, R.	R.R.1, Lyndhurst		23		11
Smith, J.A.				L	
Kerber, A.	Waterloo	L	2	L	6
Kerr, H.A.	Box 58, New Hamburg	L	19	L	24
Kerr, C.A.				L	
Kerr, R.		L		L	
Keswick Well Drilling	Pine Beach, Keswick		11		13
Baker, L.C.		L		L	
Baker, L.H.		L		L	
Kettles, J.R.	R.R.1, Ramsayville	L	20	L	20
King, W.	244 Rose St., Sarnia	L	13	L	12
Bugler, A.		L			
King, W. J.	48 Kempster St., Britannia Hgts.			L	16
Knapp, A.	Hornepayne	L			
Knoll & Hallborg	R.R.1, Port Colborne			L	21
L. Hallborg				L	
Knox, J.	Westbrook				
Kramer & McIntyre	298 Humbolt St., Port Colborne				12
Kramer, L.		L		L	
McIntyre, W.				L	
Kramer, L.	R.R.3, Port Colborne	L	23		5
Labonte, A.	Belle Vallee	L			
Labreche, E.	Sarsfield	L	5	L	
Lackey & Scott	Burritt's Rapids		13		9
Lackey, N.		L		L	
Lacroix, T.	Leonard	L	9	L	1
La Framboise, R.	Earlton	L	5	L	3
Laramie, C.H.	R.R.1, Kingsville	L	15	L	18

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Fox, B.		L		L	
Lather, R.	R.R.3, Bothwell	L	3	L	14
Lather, V.	R.R.3, Bothwell	L		L	
Law, G.H.	R.R.2, Calabogie	L		L	1
Le Blanc, A.	Box 289, Matachewan	L		L	
Le Claire, H.	Box 68, Comber	L	3	L	3
Lecuyer, J.C.	L'Original	L	21	L	13
L'Ecuyer, O. & Son	57 Joseph St., Chatham		45		36
L'Ecuyer, D.P.		L		L	
L'Ecuyer, O.		L		L	
Leduc, M.	Box 42, Crysler	L	22	L	12
Lefebvre, D.	R.R.1, Glen Robertson	L	4		4
Lefebvre, W.	Orleans	L	7	L	
Leveque, L.J.	2062 Westminster Ave., Windsor	L	26	L	21
Lewis, W.	R.R.2, Brinston	L	7	L	
Linton, S.	159 First Ave., Simcoe			L	5
Little, G.V.	R.R.2, Addison		15	L	29
Clark, K.E.		L			
Morrison, A.E.		L		L	
Longstreet, E.O.	430 Tamarack St., Timmins	L	11	L	17
Longstreet, T.E.		L		L	
Longstreet, J.B.	Matheson	L	10	L	8
Lounsbury, I.T.	35 Woodward Ave., London	L	19	L	23
High, P.		L		L	
Lounsbury, W.A. & Sons	30 Dunlop Dr., St. Catharines		41		39
Lounsbury, G.K.		L		L	
Lounsbury, W.G.		L		L	
Ludwig, E.W.	R.R.1, Locust Hill	L	5	L	5
McAlpine, A.S.	Walkers	L	8	L	9
McBeth, W.L.	15 Dufferin St., Aylmer	L	15	L	6
McCarthy, C.A.	Newboro	L	36	L	44
McCauley, S.	Box 37, Mono Road	L	11	L	20
McClelland, S.M.	Echo Bay	L	10	L	4
McClennon, L.	Box 339, Wellington,	L	22	L	18
McClung, K.	R.R.1, Caledonia	L	1	L	
McClure, C.	R.R.1, Inglewood	L	19	L	16
McClure, S.K.		L		L	
McClure, G.	1046 Wallace St., Wallaceburg	L	8	L	9
McDonald, H.	609 Duke St., Wallaceburg			L	
McGaffey, E.R.	Box 555, Bothwell	L	47	L	7
McGaffey, A.E.		L		L	
McGaffey, A.J.		L		L	
McGaffey, G.L.		L		L	
McGaffey, R.	Bothwell	L	2	L	5
McGaffey, A.E.		L		L	
McKnight, A.	63 Nipigon Ave., Willowdale		2	L	3
McKnight, C.				L	
McLaughlin, E. & Sons	244 Erb St. W., Waterloo		14		26
McLaughlin, C.A.		L		L	
McLaughlin, E.		L		L	
McLaughlin, R.		L		L	
McLaughlin, E.	R.R.1, Courtright	L			
McLean, F.A. & Son	185 James St., Ottawa		96		78
Egan, F.		L		L	
Kavanagh, W.		L		L	
Law, G.		L		L	
McLean, C. Douglas		L		L	
McLean, Charles D.		L		L	
Moloughney, W.		L		L	
Renaud, M.		L		L	
McLeod & McBeth	199 Whiting St., Ingersoll		24		31
McBeth, A.		L		L	
McBeth, D.				L	

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
McLeod K.		L		L	
McLuhan, A.	68 William St., Lindsay	L		L	
McLuhan, F.H.	Mount Forest	L		L	15
McMaster, G.E.	R.R.2, Cainsville	L		L	
McGaffey, A.E.		L		L	
McGaffey, A.J.		L		L	
McMillan & Gartley	125 College St. W., Belleville		14		14
Gartley, J.E.		L		L	
McMillan, A.		L		L	
McNeely, P.A.	Buckhorn	L	18		10
Coltman, F.L.				L	
McRae, N.F.	Garson	L	4	L	
Macdonald, L.B.	Box 516, Lakefield	L	28	L	17
Rabcock, G.H.		L		L	
MacPherson, A. & Son	R.R.1, Mooretown		3		3
MacPherson, A.		L		L	
MacPherson, E.B.		L		L	
MacRae, D.	R.R.3, Essex			L	2
Maguire, H.	Shelburne	L			
Mairs, H.M.	R.R.6, Blenheim	L	14	L	13
Marcoux, J.	Nedelec, Que.	L	4	L	1
Marquardt, V.H.	Schutt	L	7	L	14
Marquardt, V.H. & Son	Schutt		14		
Marquardt, E.V.		L			
Marquardt, V.H.		L		L	
Marsh, R.	R.R.1, Wilkesport	L	4	L	5
Marshall, R.	Massey	L	15	L	21
Martin, H.	Grand Valley	L			
Meagher, M.	639 Rowanwood Ave., Ottawa	L	66	L	55
Brannen, J.				L	
Dolan, J.				L	
Klatt, B.		L		L	
Law, G.		L		L	
Moloughney, E.				L	
Shepherd, G.G.		L		L	
Merritt, S.W.	R.R.1, Smithville	L	71	L	90
Merritt, P.				L	
Miller, V.N.	Camden East	L	27	L	21
Miller, J.C.				L	
Mills, P.	4 Wills St., Wallaceburg	L	5	L	6
Moloughney, W.	51 McEwan Ave., Woodroffe	L		L	17
Fleury, P.		L			
Montgomery Bros.	R.R.4, Dunnville		8		
Montgomery, R.				L	
Morissette Diamond Drilling Ltd.	Box 440, Haileybury	L	2	L	
Morris, J.H.	R.R.5, Merlin	L	1	L	1
Morrison, C.K.	Easton's Corners	L	16	L	11
Morrison, C.V.	Frankville	L	44	L	31
Johnston, P.B.		L		L	
Morrison, W.C.		L		L	
Mulligan, G.S.			41		
Doherty, E.		L			
Kettles, J.R.		L		L	
Munharvey, J.S.		L			
Renaud, M.		L			
Welkert, H.					
Mulligan, S.H.	R.R.1, Britannia Bay		60		32
Byers, W.				L	
Chevrier, F.J.				L	
Guay, Aime		L			
Fuay, Armand		L			
Law, G.		L		L	

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Meloy, J.A.		L			
Petry, C.V.		L		L	
Pioro, A.		L		L	
Munro Bros.	Maxville		11		2
Munro, D.		L		L	
Murphy, J.E.	R.R.2, Westport	L	26	L	20
Murphy, A.		L			
Murray, J.E.	Moorefield	L	2	L	3
Myslik, J.F.	R.R.2, Blenheim			L	3
Nimmo, R.	302 Birch St., Collingwood	L	16	L	15
Noel, D.	250 Riverside Dr., Timmins	L	4	L	2
Nugent, W.V.	Lanark	L	41	L	32
Crosby, J.		L		L	
O'Connor, J.	Box 98, Waterdown	L	35	L	30
O'Connor, B.		L		L	
Ont. Dept. Public Works	Toronto				2
Potter T.W.				L	
Ottoson, O.	Thornhill	L		L	
Ouellette & Tremblay	Harty		3		
Bergeron, A.		L			
Packham, W.	R.R.1, Smithville	L	31	L	39
Palenkas Bros.	Box 159, Rodney		3		
Palenkas, J.		L		L	
Palenkas, P.		L		L	
Payne, A.R.	28 Goldwater St.E., Orillia	L	9	L	18
Taylor, R.				L	
Pearce, N.L.	Coboconk		1	L	
Pearce, R.N.				L	
Pegg, E.	R.R.4, Dundas	L	5	L	14
Perritt, G.E.	Ridgetown				1
Phillips, B.	1119 Falaise Rd., Ottawa	L	48	L	70
Barrett, C.A.				L	
Sztepa, M.		L		L	
Pickering Drilling Contractors	R.R.1, Pickering		3		3
Cowan, D.J.G.		L		L	
Lawson, W.G.		L			
Pilon, J.L.	128 Kennedy Ave., Ferris			L	2
Pilon, T.	Ste. Anne de Prescott	L			
Plant Bros.	R.R.3, North Augusta		7		
Plant, E.W.		L			
Plant, H.E.		L		L	
Plant & Rathwell	R.R.3, North Augusta		2		1
Plant, H.E.		L		L	
Rathwell, H.J.		L		L	
Poliskin Well Drilling	905 Sixth St. W., Cornwall		28		31
Poliskin, M.		L		L	
Poliskin, S.		L		L	
Portelance, I.	472 Murdoch Ave., Noranda, Que.	L			
Poupore, G.	R.R.3, Spencerville	L	1	L	4
Pratt Bros.	R.R.4, Durham				12
Pratt, E.J.		L		L	
Pratt, N.W.		L		L	
Pratt, W.H.		L		L	
Pratt, E.J. & Sons	R.R.4, Durham		11		
Pratt, E.J.		L		L	
Pratt, N.W.		L		L	
Pratt, W.H.		L		L	
Proulx, V.	Box 300, Hearst	L	4	L	3
Purdy, L.	R.R.1, Dundas	L	26	L	28
Purdy, M.F.		L		L	

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Rawson, L.	R.R.3, Petrolia	L	13	L	18
Rawson, R.E.	R.R.1, Corunna		2	L	
Rawson, C.				L	
Reicheld & Legere	24 North St., Barrie				9
Reicheld, F.W.				L	
Reicheld, F.W.	24 North St., Barrie			L	1
Reliance Well Drilling	R.R.1, Keswick		15		14
Miller, C.		L		L	
Rendle, F.	Box 165, Forest	L	9	L	17
Rennick, S.	Bright	L	37	L	
Haskell, A.E.		L		L	
Renwick, R.B.	Thornhill	L	18	L	18
Meadus, I.W.C.		L		L	
Renwick, R.W.	72 McLaughlin St., Arnprior	L	12	L	18
Renwick, J.W.		L		L	
Rice, G.	R.R.1, Fletcher	L	21	L	15
Rice, D.E.		L		L	
Rice, S.S.	Streetsville	L	5	L	1
Richard, A.	Ramore	L	1	L	2
Richmond Hill Well					
Drillers	Richmond Hill				7
Barnett, F.G.				L	
Lecuyer, H.B.				L	
Lecuyer, P.				L	
Russell, P.				L	
Richmond, T.E.	Roblin	L	16	L	13
Richmond, T.A.		L		L	
Ricker, E.A. & Son	Canboro		7		4
Ricker, E.A.		L		L	
Ricker, J.A.				L	
Riddell, L.	Fort Erie		6	L	5
Rioux Well Drilling	Plage Laval, Que.				
L'Ecuier, O.		L			
Roberts, E.F. & Co.	Brantford		1		
Andrews, P.W.		L		L	
Roberts, H.E.	Sombra				1
Robinson, E.	Box 284, Cochrane	L	3	L	1
Robitaille, E.	Ramore	L	4	L	
Roffey, B.	R.R.1, Markham	L	8	L	4
Rolston, H.	Bloomfield		21		20
Rolston, R.		L		L	
Rowe, G.L.	Oak Ridges	L			
Rupke, J.	R.R.1, Kettleby	L		L	
Rutledge, C.H.	1373 Wilson Ave., Downsview	L	2	L	28
Russell, F.				L	
Rutledge, T.H.	1373 Wilson Ave., Downsview	L	19		
Rutledge, C.H.		L		L	
Sanderson, W.	134 Main St., Peterborough	L	48	L	71
Sauder, J.	R.R.1, Wallenstein	L	14	L	27
Sauder, A.		L		L	
Sauder, E.		L		L	
Scharf, W.G.	Hurdman's Bridge	L			
Schenk Bros.	R.R.2, Crediton		4		5
Schenk, G.A.		L		L	
Schenk, P.		L			
Schooley, R.	R.R.3, Port Colborne	L	31	L	29
Sharp, C.	R.R.1, Sault Ste. Marie	L	8	L	3
Shropshire, C.	R.R.5, Orangeville		1	L	5
McConachie, R.		L			
Siegrist, H.T.	R.R.5, London	L	15	L	6
Sigsworth, T.W.	Hartington	L	6	L	5
Simpson, G.R.	Dresden			L	2

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Simpson, R.W.	R.R.2, Dresden			L	2
Simzer, I & Sons	R.R.1, Mountain		29		20
Simzer, G.		L		L	
Simzer, I.		L		L	
Simzer, L.		L		L	
Smelser, I & Sons	Jarvis		1		
Smelser, D.I.		L			
Smelser, I.		L			
Smiley, B.A.K.	Box 72, Madoc	L	36		4
Babcock, G.H.		L		L	
Badgley, W.		L		L	
Cooney, G.				L	
Smith, C.	31 Wellington St., Orangeville	L	10	L	10
Smith, L.M.	R.R.1, Welland	L	5		
Smith, R.R.	R.R.3, Denfield	L	9	L	17
Smith, S.H.	R.R.3, Port Alma	L	4	L	7
Snider, C.E.	R.R.1, Woodbridge	L	22	L	18
Snider, J.A.		L		L	
Snider, J.N.	Woodbridge				2
Snider, J.A.		L		L	
Sparks, B.E.	4 McEwan Ave., Woodroffe	L	22	L	38
Brown, R.		L			
Sparks, F.P.	Stittsville	L	23	L	21
Sparks, C.H.		L		L	
Sparks, K.	R.R.1, South March	L	10	L	1
Sparks, W.M.E.	413 Edgeworth Ave., Britannia Heights	L	36	L	42
Cheslock, E.I.		L		L	
Moloughney, W.		L		L	
Spencer, F.	R.R.1, York	L	2	L	
Sprowl, J.R.	R.R.4, Acton	L	42	L	44
Sprowl, J.G.		L		L	
Stanton, A.	Pakenham	L	12	L	12
Hebb, M.		L			
Pierce, L.W.		L		L	
Steeves, G.C.	Box 13, Argyle			L	
Stefan, J.	Princeton	L	30	L	22
Longstreet, C.		L		L	
Stevenson, M.G.	200 Wonham St., Ingersoll			L	3
Stewart, E.	Jarvis				1
Stewart, H.	R.R.3, Jarvis	L	6	L	10
Strome, C.	Langton	L	10	L	14
Stuart, C.	11 Hyde Park Ave., Hamilton			L	
Subterra Exploration Co. Ltd.	307 Lakeshore Dr., North Bay		4		17
Hicks, C.W.		L		L	
Hicks, J.M.		L		L	
Summers, J.W.	Box 231, Colborne	L	16	L	24
Sundin, D.	R.R.1, Kingsville	L	27	L	24
Sundin, G.M.	R.R.1, Kingsville	L	14	L	9
Sundin, L.	R.R.1, Kingsville	L	18	L	7
Swayze, R.	R.R.5, Simcoe	L	39	L	40
Taylor, E.	Madoc				
Taylor, E.L.		L	16	L	17
Thompson, C.	Box 77, Langstaff	L		L	
Thompson, L.	18 Home St., Brockville	L		L	
Thrower, R.C.	R.R.2, Watford			L	2
Thunder, Bay Drilling Maley J.E.	R.R.3, Fort William			L	3
Totten, G.A.	Cedarville	L			
Twin City Water Supply Janzen, J.	278 Lawrence Ave., Kitchener		4	L	2

APPENDIX B - DRILLERS LICENSED AND NUMBER OF WELLS DRILLED,
1953 AND 1954

Driller or Drilling Firm	Address	1953		1954	
		Licence Issued During Year	Number of Wells Drilled	Licence Issued During Year	Number of Wells Drilled
Phillip, F.		L		L	
Tyacke, T.C.	Desbarats			L	1
Tyhurst & Smith	R.R.3, Dresden				7
Tyhurst, R.				L	
Urquhart, J.	Maxville	L		L	
Valley Drilling Co.	1340 Bank St., Ottawa		41		51
Chevrier, M.				L	
Fleury, F.		L			
Johnston, F.E.		L		L	
Klatt, B.		L		L	
Lusk, F.		L		L	
MacHardy, D.		L			
Rabb, M.B.		L			
Renaud, M.		L			
Wade, D.	R.R.5, Wallaceburg	L	37	L	43
Wales, R.C.	Box 48, Reddendale	L	10	L	34
Wards Water Supply	R.R.3, Denfield		11		12
Smith, J.L.		L		L	
Smith, R.R.		L		L	
Warren, C.	Sparta	L	20	L	20
Warren, J.H.				L	
Warren, G.	99 Vienna Rd., Tillsonburg	L	12	L	15
Watson, J.A.	Oak Ridges	L			
Weaver, C.D.	Cobocok	L	13	L	12
Liscombe, G.				L	
Sheldon, M.				L	
Weaver, P.				L	
Weirmier, L.H.	Box 185, Chesley	L	9	L	12
Weirmier, R.		L		L	
Whan, H.A.	Belle Ewart	L	3		1
Wilkinson, A.	R.R.3, Leamington	L	5	L	3
Williams, M.J.	R.R.5, Leamington	L	23	L	29
Windover, W.	835 Confederation St., Sarnia	L			
Winger, W. & Son	209 Emerick Ave., Fort Erie		16		32
Winger, G.		L		L	
Winger, W.		L		L	
Wonch, R.H.	Nobleton	L	8	L	5
McVanel, D.		L			
Wonch, G.		L			
Wonch, N.				L	
Wright Bros.	Wiarton		20		17
Wright, A.		L		L	
Wright, L.		L			
Wright Bros.	Wiarton		24		19
Wright, R.		L		L	
Wright, S. Jr.		L			
Wright, D. & Sons	R.R.5, Wiarton		25		28
Wright, D.		L		L	
Wright, D.E.		L		L	
Wright, W.		L		L	
Wright, F. & Son	633 Hurontario St., Collingwood		23		34
Wright, F.		L			
Wright, G.R.		L		L	
Wright, S. & O.	Wiarton		20		18
Wright, O.		L		L	
Wright S. Sr.		L		L	
Young, C.W.	R.R.2, Welland	L	1	L	2
Zimmer, A.E.	R.R.3, Thamesville	L	9	L	8
Zimmer, S.	17 Jeffrey St., Chatham	L	3	L	1
Zmija, W.	82 Admiral Rd., Kitchener	L		L	

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ALCOWA DISTRICT Avenge Twp. Sec. 6, N.W. 4	W. Dunn	F. V. Bonnin	Jul. 11, 1953	2	2	30	5	Fresh	D	Sand loam 2; reddish-brown sandy clay 330; red clay sand stone bed 34 1/2; fine silty sand 350; gravel.
Averes Twp. Sec. 21, S.W. 4	B. Leonard	C. Sharp	Jun. 21, 1953	3	10		Flows	Fresh	D	Red sand 8; blue clay 23; hard gravel 32.
Bright Additional Twp. Con. VI, lot 4	J. A. Hermaston	J. A. Grexton	May 10, 1953	3	2 1/2	12	8	Fresh	D, S	Blue clay 20; gravel 22.
Bruce Mines	H. H. Peterson	"	Jun. 1, 1953	2	2	15	6	Fresh	D	Overburden 18; rock 38.
Bruce Mines	H. R. Gaby	"	Aug. 15, 1954	1	5	11	2	"	D	Hardpan 5; rock 32.
Bruce Mines	D. I. R. Hill	"	Dec. 2, 1954	1	2 1/2	8	1	"	D	Fill 5; rock 32.
Bruce Mines	W. L. Miller	"	Sept. 11, 1954	1	2	20	15	"	D	Diabase 81.
Day Twp. Con. III, lot 6	D. Sheurfelt	J. A. Grexton	May 21, 1953	3			54	Fresh	D	Greyish sand 65.
Fenwick Twp. Sec. 33, N.W. 4	W. Lethbridge	F. V. Bonnin	Aug. 23, 1953	2	4	Flows	Flows	Fresh	D	Sand 12; hard-packed sand 28; red and blue clay 125; hardpan 130.
Goulais Indian Reserve	W. E. Munaster	C. Sharp	Oct. 28, 1953	2	25	6	6	Fresh	D	Boulders gravel red sand 28.
Johnson Twp. Con. IV, lot 4	E. McClelland	S. M. McClelland	Oct. 1, 1953	2			Flows	Fresh	S	Gravel clay 5; red clay 40; grey clay 52; coarse gravel 65.
Con. VI, lot 4	A. Thompson	J. A. Grexton	Sep. 30, 1953	3	20	18	2	"	D	Red clay 80; hardpan 82.
Con. VI, lot 6	P. Gios	"	Nov. 10, 1953	3	30	2	5	"	D	Red clay 5 1/2.
D. I. R. lot 5	T. C. Tyacke	"	Aug. 20, 1954	2	5	5	3	"	D	Clay 70; hardpan 71.
Lac. K	C. Cameron	B. Archibald	Jun. 20, 1953	2	5 1/2			"	D, S	Red clay 10; soft blue clay 39; grey sand 40; rock.
Korah Twp. Sec. 13, S.W. 4	R. Murphy	P. Barker	Sep. 8, 1954	4						Loam 1; sand 140; clay 170; fine sand 208. Dry well.
Sec. 20, N.W. 4	S. Ste. Marie	C. Sharp	Dec. 8, 1954	2						Dark brown sand 155. Dry well.
Sec. 23, N.W. 4	W. R. Russell	"	Oct. 24, 1953	2						Red sand 86. Dry well.
Sec. 23, S.W. 4	A. Aho	W. P. Archibald	Dec. 7, 1953	2					D, S	Loam 6; red clay 105; sand 123.
Sec. 24, N.E. 4	E. Scheu	C. Sharp	Oct. 13, 1953	2					D	Red sand 30; red clay 60; grey sand 155; unknown 185.
Sec. 24, S.W. 4	Peoples Ser- vice Station	P. Barker	Oct. 20, 1954	2						Clay loam 2; red clay 80; packed sand 110; red clay 160; sand 237; hard-packed gravel 241 1/2; sandstone 243 1/2 sand 244; red sandstone 248; sand gravel 248 1/3. Dry well.
Sec. 25, S.W. 4	W. Mackie	C. Sharp	Dec. 3, 1953	2					D	Red clay 50; brown sand 80.
Sec. 25, S.W. 4	W. A. W. Ater	"	Dec. 12, 1953	2	5				D	Slag 7; red clay 77; brown sand 110.
Sec. 26, N.W. 4	A. Rammala	"	Aug. 27, 1953	2	5				D, S	Red clay 100; grey sand 125.
Sec. 26, S.E. 4	R. Robinson	F. V. Bonnin	May 22, 1954	2	25	20	3 1/2	"	D	Sand loam 1; fine sand 4; red clay 77; hardpan 85; red sand 85; stone ledge.
Sec. 26, S.E. 4	F. Baker	"	May 31, 1954	2	25	18	5	"	D	Fine sand loam 3; red clay hardpan 77; hardpan sand stone 78; gravel 91 1/2.
Sec. 26, S.E. 4	A. Rahn	"	Jun. 10, 1954	2	25	18	5	"	D	Sand loam 1; fine sand 4; red clay hardpan 78; hardpan 78; gravel 91 1/2.
Sec. 26, S.W. 4	D. McFarling	"	Jun. 21, 1953	2					D	boulders 85 1/3; sandstone 86.
Sec. 26, S.W. 4	S. Graystone	F. V. Bonnin	Jun. 22, 1953	2	8				D	Loam 1; sandy loam 8; hard-packed sand 11; red clay 102; mixed red and blue sand and clay 109; red clay 118; hardpan 122; gravel.
Sec. 26, S.W. 4	R. Armstrong	W. P. Archibald	Nov. 29, 1953	2					D	Loam 1; sandy loam 7; hard-packed sand 11; red clay 102; red and blue clay 109; red clay 110; hardpan 122; gravel.
Sec. 26, S.W. 4	Twp. of Korah	C. Sharp	Sep. 12, 1954	2	5				D	Clay 80; sand 100; gravel 145.
									P	Clay 103; gravel 226.

ALGOMA DISTRICT-cont.

[illegible]

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ALGOMA DIST.-cont. Macdonald Twp. cont. Sault Ste. Marie Sault Ste. Marie	P. Selguin W.F. Archibald	W.F. Archibald "	May 15, 1954 Aug. 18, 1954	2 2	15		Flows Flows	Fresh "	D D	Clay 30; coarse gravel 95. Clay 17; fine gravel 174.
Tarbutt Additional Twp. Con. VI, lot 7	J. Junior	J.A. Greston	May 8, 1954	3	5	18	9	Fresh	D, S	Clay 31; gravel 32.
BRANT COUNTY Brantford	J.B. Hennifer	J. Stefan	Jan. 25, 1954	6	3	62	62	Fresh	D	Dry yellow sand 66; fine sand 68.
Brantford Twp. C.T.	F. Simmons	I.L. Davis	Aug. 5, 1954	6 1/2	1	40	30	Slightly Sulphur	S	Blue clay 160; bedrock 240.
Con. I, lot 1	J. Abbott	J. Stefan	Sep. 17, 1953	4	7	54	50	Fresh	D	Coarse dirty gravel 54; clay gravel boulders 111; rock 112.
Con. I, lot 7	D. Osborne	"	Aug. 28, 1953	5	5	79	77	"	D	Coarse dirty gravel 54; clay gravel 20; soft sandy clay 30; blue clay
Con. I, lot 16	Shell Oil Co. Ltd.	J.L. Graham	Sep. 11, 1954	6 1/2	3	180	114	Sulphur	C	Rough gravel 10; clay gravel 10; blue clay 101; blue clay 146; dark brown rock 170. small stones 84; sandy clay 101; blue clay 146; dark brown rock 170.
Con. I, lot 31	Lindsay Con- struction Co.	I.L. Davis	Dec. 23, 1954	6 1/2	1	40	30	Fresh	D	Blue clay 81; limestone 104.
Con. I, lot 40	M. Seilitt	"	Mar. 15, 1953	6 1/2	3	100	60	"	S	Brown clay 84; fine gravel 114; rock 120.
Con. II, lot 28	School	"	Jul. 13, 1953	6	5	30	30	"	P	Sand 40.
Con. II, lot 29	Brantford Civic & Equipm. Co.	Dominion Drilling	Nov. 9, 1954	3				"		Sandy loam 3; black muck 10; blue clay 51; limestone. Dry hole.
Con. II, lot 31	D.L. Huculak	J. Stefan	Dec. 14, 1953	6	4	48	40	"	D	Sandy clay 28; blue clay 80; clay stones 95; rock 107.
Con. II, lot 49	P. Oprey	R. Dixon	Aug. 4, 1953	12	4	5	0	"	D	Sand 10; blue clay 34.
Con. III, lot 8	N. Young	J. Stefan	Apr. 3, 1954	3	5	84	80	"	D	Coarse dirty gravel 42; clay gravel 70; clay boulders 89; hard clay 113; shale 114.
Con. IV, lot 1	Austin Bros.	"	Oct. 14, 1953	6	5	40	40	"	D	Fine gravel 15; silty sand 46; medium sand 48.
Con. IV, lot 5	M. Verity	"	Feb. 20, 1954	6	5	63	63	"	D, S	Hard sand clay 42; dirty sand 69; medium sand 71.
Con. IV, lot 15	C. Simpson	D.P. Jacobson	Sep. 16, 1954	6 1/2	10	34	32	"	D, S	Brown sand 2; brown sand clay 20; fine brown sand 39; coarse sand fine sand 44; gravel sand 45; sand 56.
Con. IV, lot 16	Canada Packers	I. Lounsbury	Jul. 15, 1954	10	225	72	59	"	In	Topsoil 18; red sand 40; fine gravel 66; white sand 84; clay hard- pan 119; grey shale 149; brown lime 159; shale 173.
Con. V, lot 9	J. Fowler	R. Hodgson	Jun. 5, 1954	8	30	30	30	"	In	Sand 11; red sand 40; fine gravel 66; white sand 84; clay hard- pan 119; grey shale 149; brown lime 159; shale 173.
Con. V, lot 15	R. Horvath	J. Stefan	Nov. 13, 1954	4	5	50	50	"	D	Dug well 40; quicksand 78; medium sand 80.
D.H. "	H. McGracken	I.L. Davis	Jun. 1, 1954	6 1/2	2	75	40	"	D	Blue clay 123; shale 126.
H.R.W. RI, lot 11	M. Only	J. Stefan	Sep. 30, 1953	6	2	40	28	"	D	Blue clay 96; rock 110.
K.I., lot 2	Baker & Dixon	D.P. Jacobson	Jun. 9, 1954	6	22	175	72	"	In	Boulders sand gravel 147; fine grey sand 167; brown sand 180.
K.T. ... lot 2	R. Whillits	G. Warren	Nov. 20, 1954	6 1/2	11	65	55	"	D	Clay 2; boulders gravel 14; dry yellow sand 58; wet sand 68; soft putty clay 80; putty sand 170; fine water sand 196; shelly rock 15; grey limestone 200.
K.T. lot 4	R. McAvella	C. Goodberry	Mar. 10, 1954	5 1/2				"		Sand boulders 84; gravel clay 65; red sand 74; quicksand 80; fine sand 110. Dry well.
K.T. lot 4	Atlas Powder	Dominion Drilling	Jun. 7, 1954	3				Fresh	T	Sand and brown clay 4; clay stones 8; blue clay 12. Dry well.
K.T. lot 4	"	"	Jun. 7, 1954	3				Fresh		Sand 7; clay stones sand 12; fine sand 76.
K.T. lot 5	Canada Packers	I.L. Davis	Jul. 6, 1953	6	3	90	5	Sulphur	D, S	Medium sand 40; clay sand 80; silty clay stone 148; hardpan 150; silty clay 152; shale 161; grey rock 175.
M.P.R.W. RI, lot 2	T. Botang	J. Stefan	Apr. 4, 1953	6	5	45	24	"	D	Sandy clay 12; blue clay 22; dirty sand 28; coarse sand 30.
M.P.R.W. RI, lot 5	D. Grantham	"	May 21, 1954	6	5	22	22	"	C	Dug well 20; putty sand 76; wet sand 84; grey clay 100; water sand gravel 106.
M.P.R.W. RI, lot 6	H. Snider	W.P. Dodge	Nov. 16, 1953	2	6	45	45	Slightly Sulphur	S	Gravel 20; blue clay 70; blue shale 81.
O.T. lot 16	Bow Park Farm	I.L. Davis	Dec. 14, 1953	6 1/2	11 1/2	50	40	"		

BRANT COUNTY.-cont.

BRANT COUNTY.-cont.		M.B. Hooper		Aug. 15, 1954		Fresh		D		Dark sandy soil 3; grey clay 56; fine sand 71; dry well.	
Con. I, lot 12	J. Smutek	6	5	25	30	"	"	D	"	Clay shale stones 53; coarse gravel 54.	
Con. I, lot 13	G. Gausyn	6	4	28	25	"	"	D	"	Fine dry sand clay 23; blue clay 52; med. coarse gravel 53.	
Con. I, lot 14	P. Kipp	6	2 1/2	50	25	"	"	D	"	Hard clay stones 18; sandy clay 50; blue clay boulders 88; shale 92.	
Con. I, lot 22	D. Wyllie	4	5	40	40	"	"	D, S	"	Fine yellow sand clay 38; fine sand 50; med. fine sand 55.	
Con. II, lot 4	R. Knill	4	5	70	60	"	"	D, S	"	Dug well 22; sandy clay 50; fine dirty sand 84; blue clay 120; clay stones 125; rock 130.	
Con. IV, lot 7	P. Kotlar	6	3	40	36	"	"	D	"	Dug well 35; dirty gravel 47; fine gravel 48.	
Con. VI, lot 2	C. Arrowsmith	6	5	24	33	"	"	D, S	"	Coarse gravel 24; fine gravel 30; coarse water sand 32.	
Con. VII, lot 1	P. Baldson	6	5	34	33	"	"	D, S	"	Sandy clay 18; clay stones 28; sandy clay 45; hard blue clay 57; rock 58.	
Con. VII, lot 14	A. Lukak	6	5	32	31	"	"	D, S	"	Clay boulders 54; shale 56.	
Con. VIII, lot 20	D. Hammond	6	5	22	13	"	"	D, S	"	Clay stones 25; rock 30.	
Con. VIII, lot 24	W. Rajdu	6	5	16	13	"	"	D, S	"	Yellow clay 17; sandy clay 25; fine dirty sand 60; clay stones 70; shale 71; rock 72.	
Con. IX, lot 13	W. Sanderson	4	5	21	18	"	"	D	"	Clay stones 18; blue clay 29; rock 37.	
Con. X, lot 12	J. Pachnie	5	5	20	18	"	"	D, S	"	Sand clay stones 21; blue clay 56; rock 60.	
Con. X, lot 20	J. B. Henry	6	4	25	15	"	"	D, S	"	Well dug 22; blue clay 58; gravel 59.	
Con. XI, lot 23	R. Proper	4	4	18	16	"	"	D, S	"	Dry yellow sand 21; clay stones 24; sandy clay 49; blue clay stones 67; shale 78; rock 80.	
Con. XII, lot 13	N. Bowman	6	4	28	21	"	"	D, S	"	Well dug 10; blue clay 35; hardpan 49; sand 60; gravel 62.	
Con. XII, lot 20	D. Kovacks	4	4	20	15	"	"	D, S	"	Clay loam 3; yellow clay boulders 34; blue clay 51; shale 53; gravel 55; limestone 57.	
Con. XII, lot 23	H. C. Pollard	4	1 1/2	26 1/2	20	"	"	S	"	Coarse gravel 45; coarse sand 47.	
Con. XIII, lot 1	C. Piczerf	6	5	33	32	"	"	P	"	Dry sand 7; clay stones 31; blue clay 38; coarse sand 40.	
Con. XIII, lot 1	Catholic Church	6	4	32	39	"	"	P	"	Clay sand 8; coarse dirty gravel 46; silty sand 61; med. sand 63.	
Con. XIII, lot 1	A. C. Taylor	6	5	56	56	"	"	D	"	Sandy clay 22; dirty gravel 43; sand 68; coarse sand 70.	
Con. XIII, lot 1	H. Hagerman	6	2 1/2	60	60	"	"	D	"	Coarse gravel 8; sandy clay 35; dirty sand gravel 55; med. sand 58.	
Con. XIII, lot 1	A. Joel	6	5	50	50	"	"	D	"	Clay stones 22; hardpan 56; coarse sand 60.	
Con. XIV, lot 1	J. Vadas	6	5	50	50	"	"	D	"	Coarse dirty gravel 31; silty sand 65; clean med. sand 70.	
Oakland Twp.	K. McNelles	6	5	58	58	"	"	D	"	Dirty gravel 18; clay gravel 27; dirty sand 34; clean med. sand 36.	
Con. II, lot 1	R. Wheeler	6	5	28	28	"	"	D	"	Coarse gravel boulders 42; hard clay gravel 56; med. sand 60.	
Con. IV, lot 7	R. Mulligan	4	5	54	54	"	"	D	"	Yellow clay 16; clay sand 22; blue clay streaked w/ sand 79; brown limestone 34.	
Onondaga Twp.	H. E. Weir	6	20	30	30	Sulphur	"	S	"	Top soil 3; sandy soil 10; blue clay 33.	
Con. I, lot 30	R. D. Featherstone	12	3 1/2	14	14	Fresh	"	D	"	Yellow clay 14; blue clay 30; hardpan 40; shale gypsum 47.	
N. M. E. P. C. lot 6	W. Collins	5	15	35	32	"	"	C	"	Yellow clay 14; blue clay 36; hardpan 44; gypsum shale limest. 52.	
N. M. E. F. C. lot 78	Caledonia	6	17	35	29	"	"	S	"	Yellow clay 3; sand 7; soft blue clay sand 14; hardpan stones 22; shale or limestone 23; space 25; gravel on bottom.	
M. M. E. F. C. lot 79	Hunters & Anglers	5	2	18	18	"	"	S	"	Hard brown clay 25; blue clay 118; blue shale 134.	
M. M. E. F. C. lot 84	R. Nunn	6	2	18	18	"	"	S	"	Hard sand 30; soft sand 60.	
South Dumfries Twp.	H. C. Douglas	6	2	18	18	"	"	S	"	Brown clay boulders 95.	
Con. I, lot 2	Harrisburg School	6 1/2	15	80	60	Sulphur	"	P	"	Coarse gravel 62; blue clay 125; rock 128.	
Con. I, lot 20	Kitchens School	6	6	50	50	Fresh	"	P	"	Coarse gravel 42; silt boulders 47 sand gravel clay 73.	
Con. I, lot 21	C. Clump	6	6 1/2	75	75	"	"	D, S	"	Red clay 31; dirty sand 104; blue clay 161; dirty gravel 170; blue shale 218; brown dolomite grey shale 238; white; grey gypsum 281; light grey dolomite dark shale 285. Dry well.	
Con. I, lot 25	J. D. Betwiler	6	3 1/2	119	118	"	"	D	"	Red clay 31; dirty sand 99; gravel 100.	
Con. I, lot 32	M. M. Wilson	6	2 1/2	57	53	"	"	D	"	Stones boulders 40.	
Con. II, lot 37	S. Cochrane	5 1/2	5	42	36	Fresh	"	D	"	Yellow clay heavy boulders 50; s. hardpan 20; coarse sand 130.	
Con. II, lot 37	"	5 1/2	5	42	36	"	"	D	"		
Con. III, lot 6	C. Garland	4 1/2	5 1/2	50	50	"	"	D, S	"		
Con. IV, lot 8	W. McCortey/Son	4 1/2	5 1/2	50	50	"	"	D, S	"		

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRADY COUNTY-cont. South Dunfries-cont. Con. VI, lot 2	P.A. Preston	J. Sauder	Nov. 20, 1954	5	11½	160	150	Fresh	D, S	Topsoil 2; clay stones 40; blue clay 75; hardpan 140; dry gravel 167; brown clay stones 130; blue shale 134; red clay stones 210; stone 213; red clay stones 224; red sand 227; shale 233; dolomite 232; limestone 324; brown limestone 328.
Con. VI, lot 13	R.C. Clarkson	J. Sauder	Oct. 30, 1953	5½	15	125	125	"	D	Topsoil 2; stone boulders 36; hardpan 50; blue clay 60; hardpan stones 75; sandy clay 82; hardpan 114; boulder 115; sandy clay 125; hardpan 169; boulder 171; hardpan 179; boulders 181; sand stones 191; sandy clay 198; rock 296.
Gore, lot 13	T.H. Edwards	J. Stefan	Jun. 29, 1953	6	1½	25	20	"	D	Sandy clay 97; light coloured rock 193.
Gore, lot 27	McColl-Pronte- Mac Oil Co. Ltd	J.L. Graham	Aug. 20, 1954	6½	2	155	115	"	C	Stones clay 14; stones gravel 19; sandy boulders 98; cemented gravel 105; sandy clay 115; gravel 126; sandy clay 145; cem. gravel 159; dark clay 161; light brown rock 200.
Gore, lot 28	Sun Oil Co. Ltd	Brodie & Dennis	Sep. 3, 1954	6½	20	130	40	Salt	C	Loose sand 18; gravel 92; gravel boulders 82; quicksand 120; silt; 12; fine gravel silt 150; silt 210; shale 245.
Tuscarora Twp. Con. I, lot 2	J. Grain	P. Swayze	Feb. 12, 1954	6½	3	38	13	Sulphur	S	Clay 40; sand gravel 65; limestone shale 70.
Con. IV, lot 9	W. Barnham	R.D. Featherstone	Mar. 16, 1954	6	20	38	36	Fresh	D, S	Yellow clay 15; blue clay 46; red clay stones 50; limestone shale 60; blue shale 72.
Con. IV, lot 18	Schweiten Church	J. Stefan	Jul. 13, 1954	6	5	42	40	"	P	Hard yellow clay 18; blue clay 49; shale 59; light grey rock 63.
Con. IV, lot 19	School- Lady Willing-	R.D. Featherstone	Jan. 24, 1953	6	25	24	24	"	P	Yellow clay 20; blue clay 55; red clay 56; hardpan 63; blue shale 66.
Con. V, lot 20	C. Martin	R.D. Featherstone	Aug. 10, 1953	12	50	60	27	Mineral	P	Grey clay 3; blue clay 65; blue shale 85; white limestone 90.
Con. V, lot 20	Albion Hospital	R.D. Featherstone	Feb. 15, 1954	6	21½	29	29	Fresh	D, S	Yellow clay 15; blue clay 82; tough red clay; 83 gravel broken lime-stone 85.
BRUCE COUNTY. Albion Twp. Con. I, lot 17	J. Givens	Wright Bros. (Rand S.)	Sep. 8, 1954	5	10	25	20	Fresh	D, S	Topsoil 5; sand 15; clay stones 30; small boulders clay 39; grey limestone 130.
Con. I, lot 21	H. Morgan	"	Jun. 15, 1954	4	10	70	50	"	D	Previously drilled 120; white limestone 164.
Con. I, lot 18	W. Adams	"	Apr. 26, 1954	5	5	30	20	"	D	Dirt stones 7; limestone 100.
Con. VII, lot 29	C. Dawson	"	Jun. 14, 1954	5	10	44	11	"	D, S	Soil 6; limestone 44.
Con. VIII, lot 30	C. Barfoot	D. Wright & Sons	Sep. 30, 1954	4	10	80	15	"	D, S	Loose shale 25; grey limestone 80.
Con. VIII, lot 30	D. Portman	"	Oct. 15, 1954	4	10	20	6	"	D, S	Loose shale 10; grey limestone 71.
Con. IX, lot 35	D. Portman	Wright Bros. L&A	Jul. 4, 1953	4½	1	40	30	"	D	Boulders 40.
Con. XII, lot 29	C.H. Gilbert	D. Wright & Sons	Jun. 18, 1954	4½	7	80	50	"	D	Limestone 98; brown rock 108.
Con. I, lot 21	G. Gale	Wright Bros. L&A	May 24, 1953	4½	12	54½	15	"	D	Clay stones 41½; rock 54½.
Con. II, lot 21	I. Mateer	"	Jul. 10, 1954	4½	5	80	14	"	D	Soil 14; limestone 80.
Con. V, lot 20	C.C. Wheeler	"	Jun. 5, 1953	4½	12	50	4	"	D	Sand 9; rock 99.
Con. V, lot 21	R.J. Rogers	"	Apr. 17, 1953	4	12	50	10	"	D	Soil 2; rock 50.
Con. V, lot 21	H.J. Hollinger	"	May 8, 1954	5½	12	70	3	"	D	Shakey rock 12; limestone 70.
Con. V, lot 26	D.H. Page	D. Wright & Sons	Sep. 4, 1954	4	8	12	6	"	D	Brown limestone 78.
Amabel Twp. Con. D, lot 33	G.H. Ziegler	M.S. Bellerby	Jul. 25, 1953	6	15	6	6	Fresh	D	Sand gravel 18; broken rock 22; limestone 78.
Con. D, lot 33	A.M. Nichol	"	Aug. 30, 1954	4½	5	16	16	"	D	Sand 16; clay 40; grey limestone 76.
Con. D, lot 43	G.B. Hillier	Wright Bros. (R&S)	Jun. 1, 1954	4½	5	51	6	"	D	Sand 4; limestone 58.
Con. D, lot 43	H.E. Summerville	"	Jun. 5, 1954	4½	5	18	Flows	Slightly Sulphur	D	Sand 4; grey limestone 50.
Con. D, lot 43	T. Moore	D. Wright & Sons	Jul. 28, 1954	4	10	5	3	"	D	Grey limestone 41; brown limestone 51.
Con. D, lot 46	W. Deary	Wright Bros. (R&S)	Jun. 15, 1954	5	5	16	15	Fresh	D	Sand stones 3; limestone 50.
Con. I, lot 1	H. Beatty	D. Wright & Sons	May 24, 1954	4	8	12	10	Slightly Sulphur	D, S	Dug well 20; grey limestone 80.
Con. V, lot 1	H. Rabourne	Wright Bros. (R&S)	Mar. 4, 1953	4½	3	20	20	"	D	Clay stones 15; limestone 85.

BRUCE COUNTY-cont.

Asabel Twp.-cont. Con. V, lot 17 Con. X, lot 17	G. Chambers H. Weiler	G.L. Davidson Wright Bros. R&S	Aug. 11, 1953 Aug. 4, 1954	6 4	5 10	24 15	24 8	Fresh "	D, S D	Coarse gravel 32; fine gravel 33. Sand 10; fine sand 20; quicksand 50; boulders gravel 60; sand light clay 80; gravel clay 90; fine gravel 103. Previously drilled 35; limestone 80. Sand heavy soil 8; limestone 80. Soil stones rock 47. Sand gravel 9; clay stones 9; grey limestone 64.
Con. XXI, lot 12 Con. XXII, lot 4 Con. XXV, lot 27 Con. XXV, lot 36	J. Patterson D. Quick J.B. Allen R. Jones	Wright Bros. " " " "	Jul. 11, 1954 May. 8, 1954 Jun. 2, 1953 Oct. 2, 1954	5 4 4 4	7 12 12 5	11 10 10 50	10 10 Flows 30	" " Sulphur Fresh	D D D D	
Arran Twp. Con. VI, lot 25 Con. VI, lot 34 Con. IX, lot 15	B. Coleman R.L. Prout H. Plant	E. Currie Wright Bros. L&A G.L. Davidson	Oct. 20, 1953 Apr. 10, 1953 Jun. 25, 1954	2 4 4	4 5 6	4 77 116	29 10 77	Fresh " "	D, S D D	Topsoil 3; clay sand boulders 122; limestone 188. Gravel small stones 6; limestone 115. Sand 32; stones 122; stony hardpan 150; quicksand 204; stony till 217; hard grey limestone 239. Dug well 20; sand stones 60; limestone 116.
I.L.S. lot 29	H. McCulloch	Wright Bros. L&A	Oct. 25, 1954	4	12	15	15	"	D	
Brant Township Con. A, lot 7 Con. VI, lot 30	C. Wilhelm W. Ruencnoerder	F.L. Davidson G.L. Davidson	Jul. 19, 1954 Dec. 7, 1953	4 4	12 6	30 74	24 74	Fresh "	D, S D, S	Clay 26; sand 55; clay gravel 83; limestone 137. Sand stones 18; sand 158; marl 190; sand 225; till 240; blue clay shale 253; soft brown limestone 262.
Con. VII lot 9	G. Kastner	F.L. Davidson	Oct. 9, 1953	4	5	172	140	"	D, S	Clay 13; till 80; marl 85; sand 125; marl 199; blue clay 233; limestone 253; shale 339.
Con. X, lot 16	E. Prues	G.L. Davidson	Apr. 6, 1954	4	5	80	30	Slightly Sulphur	D, S	Clay 28; sand 58; clay 96; clay sand gravel 170; shale 192; limestone 222.
DRM. Con. I lot 36 DRM. Con. III " 51	F. David H. Baetz	E. Keeso G.L. Davidson	Aug. 25, 1953 Nov. 9, 1954	4 4	10 6	27 86	24 86	Fresh "	D D, S	Gravel 12; sand 31; clay gravel 58; shale 66; limestone 92. Quicksand 30; dry sand 72; quicksand 102; dry sand 108; stony clay 165; blue clay 208; stony clay 235; quicksand 265; brown clay 304; sand gravel 372; gravel 376.
DRS. Con. I lot 33 D.R.S. Con. I " 35 DRS. Con. III " 38	R. Walker W. Riley W. Wilhelm	F.L. Davidson G.L. Davidson F.L. Davidson	Jun. 15, 1953 Nov. 7, 1953 Jun. 22, 1953	6 4 4	50 8 15	54 46 40	54 46 30	" " "	D D D, S	Gravel 19; till 50; shale 55; brown limestone 102. Gravel stones 66; hard rock 78; soft blue rock 97. Clay 22; sand 43; till 59; gravel 70; clay 80; shale 93; limestone 100.
Bruce Twp. Con. I, lot A Con. I, lot 30	W.B. Campbell W. Ferris	G.L. Davidson "	May 31, 1954 Oct. 9, 1953	4 4	4 10	Flows 22	Flows 22	Fresh "	D D, S	Stony gravel 18; shale 33; limestone 90. Clay 18; marl 32; clay 122; sand gravel 126; till 196; clay 210; soft brown rock 229.
Con. VI, lot E	School SS No 6	"	Jan. 21, 1954	4	8	44	44	"	P	Blue clay 32; blue clay sand layers 102; blue clay 142; sand gravel 155; shale 176; med. hard brown limestone 215.
Con. IX lot 29	F. McCullough	"	Nov. 19, 1954	4	10	55	55	"	D, S	Blue clay 70; quicksand 124; dry sand 136; blue clay 148; quick- sand 192; shale 216; hard limestone 221; soft limestone 232.
L.R. lot 1 L.R. lot 2	E.S. Hasting L. Henderson	P.L. Davidson R. Gadke	Jul. 7, 1953 Jul. 11, 1953	4 4	15 12	10 6	10 6	" "	D D	Till 33; rock 87. Sand fine gravel 38; brown and grey limestone 72.
Cape Croker Indian Reserve. E.R. Con. I lot 34 E.R. Con. I lot 35 E.R. Con. IV lot 15	O. Johnson United Church Indian Day School.	D. Wright & Sons Wright Bros. R&S D. Wright & Sons	Jan. 2, 1953 Jul. 13, 1953 Apr. 14, 1953	4 6 4	2 2	25 12 65	25 12 40	Fresh " Salt	D D P	Gravel 25; clay 35; gravel 41. Heavy loam stones 5; sand 10; shale 40. Clay 6; rock 18; blue shale 35; red shale 100.
W.R. Con. II lot 38 W.R. Con. III " 38	E. Ackewenzie Indian Day School.	Wright Bros. R&S D. Wright & Sons	Jul. 10, 1953 Jan. 8, 1953	4 4	8	6	6	Fresh "	P	Soil 2; limestone 51. Abandoned. Sand gravel 6; rock 25.
Garrick Twp. Con. C, lot 18 Con. IV, lot 30	H. Durrer School SS#12	G.L. Davidson E.A. Keeso	Aug. 9, 1954 Dec. 20, 1954	4 4	12 14	25 5	20 4	Fresh "	D, S P	Sand gravel 36; hardpan 56; brown shale 72; soft brown limestone 126. Brown clay 10; clay w/ gravel 32; grey shale rock 62; brown limest. 91; white limestone 145.
Con. V, lot 29	M. Forster	"	May 26, 1953	4			Flows	"	S	Black top soil; blue clay 45; shale rock 88; hard blue limestone 110.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRIILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BROOKS COUNTY-cont. Garrick Twp.-cont.	G. Foster Catholic School	E.A. Keeso P. Boettger	May 14, 1953 Sep. 23, 1953	4 4	10 1 1/2	80 75	Flovs 75	Fresh "	S P	Gravel clay 29; hard blue limestone 69. Top soil 3; gravel clay boulders 75; limestone 90.
Culross Twp. Con. A lot 31	A. Haugh	F.L. Davidson	May 29, 1953	4	10	70	68	Fresh	D	Till 130; rock 172.
Eastnor Twp. BRE, Con. II, lot 26	Pilgrim Church	Wright Bros. & S.	Oct. 23, 1954	4 1/2	2	30	15	Fresh	D	Stones black soil 2; grey limestone 51.
BRE, Con. III, lot 25	Ferrdale School	S. O. Wright	Apr. 22, 1953	4 1/2	8	20	15	"	P	Top soil 2; limestone 85.
BRE, Con. III, lot 25	G. Shaw	D. Wright & Sons	Aug. 5, 1954	5	12	33	10	"	D	Top clay 8; grey limestone 40.
BRE, Con. III, lot 27	Ferrdale Com. Park	D. Wright & Sons	Aug. 19, 1953	4	12	33	10	"	P	Soil 2; rock 33.
BRE, Con. III, lot 27	H. Loughton	D. Wright & Sons	Jul. 31, 1954	4	10	15	10	"	D, S	Clay 8; grey limestone 68.
BRE, Con. V lot 30	J.J. Druin	S & O Wright	Jul. 22, 1954	4 1/2	12	3	3	"	D	Brown clay sand 15; grey limestone 57.
BRE, Con. V lot 30	K. Priest	Wright Bros. & S.	May 2, 1953	4 1/2	1 1/2	90	63	"	D	Top soil 3; gravel 7; limestone 106.
BRE, Con. VII lot 18	L. Hoath	Wright Bros. & S.	Jun. 9, 1954	5	1	140	89	"	S	Top soil 2; limestone 25; blue shale 39; supplies only 2 ft. p.h.
BRE, Con. XI lot 12	G. Bowden	S&O Wright	Sep. 20, 1954	5	1	140	89	Salt	S	Limestone 53; blue shale 171.
BRE, Con. XII lot 27	M. Busley	Wright Bros. & S.	Aug. 12, 1953	4 1/2	10	53	20	Fresh	D	Rock 39.
BRE, Con. III lot 38	J.Pridmore	Wright Bros. & S.	May 8, 1953	4 1/2	12	39	10	"	D	Stones dirt 3; limestone 51.
BRE, Con. III lot 38	H. Saunders	S&O Wright	May 31, 1954	4 1/2	5	30	15	"	D	Light soil 1; limestone 33.
BRE, Con. III lot 39	K. Smith	"	Jul. 31, 1953	4 1/2	10	9	4 1/2	"	D	Limestone 55.
BRE, Con. III lot 39	T. Welsh	"	Aug. 5, 1953	4 1/2	10	55	10	"	D	Limestone 55.
BRE, Con. III lot 39	L. Smith	Wright Bros. & S.	Sep. 18, 1953	4 1/2	10	20	15	"	D	Limestone 30.
BRE, Con. IV lot 37	R. Hughes	"	Aug. 2, 1954	4 1/2	5	20	8	"	D	Top soil 2; grey limestone 51.
BRE, Con. IV lot 37	M. Kraton	"	Jul. 25, 1954	4	3	15	5	"	D	Shore sand 3; limestone 35.
BRE, Con. IV lot 37	H.S. Reaney	"	Jul. 25, 1953	5	4	20	20	"	D	Topsoil 2; limestone 60.
BRE, Con. V lot 2	K. Ringrose	"	Aug. 18, 1954	4 1/2	12	15	15	"	D	Soil 1; rock 45.
BRE, Con. V lot 2	C.G. Cheate	"	May 21, 1953	4 1/2	12	51	20	"	D	Soil 2; rock 51.
BRE, Con. V lot 38	R. Reichel	"	Jun. 12, 1953	4 1/2	5	12	10	"	D	Topsoil 4; sand 10; clay stones limestone 48.
BRE, Con. V lot 38	"	"	Aug. 24, 1954	4 1/2	5	12	10	"	D	"
Eldersville Twp. Con. V, lot 25	R. Love	F.L. Davidson	Jan. 22, 1953	4	14	65	61	Fresh	D, S	Till stones 115; shale 130 grey hard limestone 253.
Greenock Twp. Con. XVII lot 8	D.J. Metcalf	G.L. Davidson	Aug. 25, 1953	4	5	30	30	Fresh	D, S	Sand gravel stone 22; brown shale rock 42; hard brown rock 96; medium hard rock grey, 125.
Con. XX lot 1	G. Brown	"	Aug. 18, 1953	4	6	76	76	"	D, S	Till 40; sand gravel 88; sand 102; soft blue shale 116; soft red shale 131; hard blue rock 144.
Hepworth Hepworth	E. Robins	Wright Bros. & S.	Jun. 15, 1953	4 1/2	5	30	40	Fresh	D	Fine sand 8; gravel sand 10; heavy clay 12; limestone 62.
Hepworth	D. Hatherston	"	Sep. 23, 1953	4 1/2	5	30	40	"	D	Previously drilled 62; limestone 127.
Huron Twp. Con. I lot 3	A. Hamilton	G.L. Davidson	Oct. 20, 1953	5	5	25	25	"	P	Previously drilled 71; limestone 113.
Con. II lot 27	A.B. MacCharles	"	Jan. 30, 1954	4	6	110	110	Fresh	D, S	Clay 26; sand 38; clay 88; gravel stones 102; till 171; soft brown limestone 197.
Con. II lot 26	M. Henry	"	Jan. 3, 1953	4	5	85	85	"	D, S	Clay 32; quicksand 98; dry sand 110; till 148; shale 181;
L.R. lot 48	H. Emmerton	"	Jul. 21, 1953	4	6	85	85	"	D, S	brown limestone 208.
Kincardine Twp. Con. A lot 52	G. Snelling	E.A. Keeso	Apr. 30, 1954	4	6	133	90	"	S	Clay 97; sand 174; till 255; sand gravel 264; rock 273.
								"		Brown clay 18; blue clay 102; sand clay 138; blue clay 218;
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BRUCE COUNTY-cont.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
BRUCE COUNTY-cont.										
Tobemory	O. Smith	S & O Wright	Sep. 4, 1953	4 1/2	10	35	27	Fresh	D	Limestone 55.
Tobemory	L. Ritchie	"	Sep. 14, 1953	4 1/2	36	36	17	"	D	Limestone 60.
Tobemory	S. McFarlan	"	Sep. 23, 1953	4	10	20	15	"	D	Limestone 60.
Tobemory	F. J. Ray	"	Sep. 27, 1953	4 1/2	10	21	15	"	D	Limestone 60.
Tobemory	F. Hamilton	"	Nov. 1, 1954	4 1/2	3	52	6	"	D	Topsoil 2; limestone 72.
Tobemory	H. Hopkins	"	Jul. 12, 1954	4 1/2	66 1/2	66 1/2	14	"	D	Grey limestone 66 1/2.
Tobemory	L. Adams	"	Jul. 28, 1954	4 1/2	10	107	33	"	D	Grey limestone 103.
Tobemory	H. C. Wilson	"	Jul. 31, 1954	4 1/2	10	60	32	"	D	Grey limestone 60.
Tobemory	H. C. Wilson	"	Aug. 27, 1954	4	10	29	14	"	D	Grey limestone 65.
Tobemory	G. Cope land	"	Aug. 27, 1954	4	10	85 1/2	40	"	D	Grey limestone 85 1/2.
Tobemory	J. Ireland	"	Aug. 27, 1954	4 1/2	10	20	10	"	D	Grey limestone 35.
CARLETON COUNTY.										
Fitzroy Twp.	A. Schael	J. B. Dufresne	Oct. 19, 1953	2	4	24	18	Fresh	D	Blue clay 18; grey limestone 132.
Con. II	L. Goodwin	"	Oct. 21, 1953	2	4	24	16	"	D, S	Old dug well 12; grey limestone 100.
Con. II	L. Goodwin	"	Aug. 20, 1954	2	4	15	10	"	D	Clay 22; sand gravel 24; white limestone 111.
Con. II	L. Goodwin	"	Aug. 20, 1954	2	4	20	14	"	D	Clay 16; white limestone 87.
Con. X	G. S. Styles	Valley Drilling	Feb. 26, 1954	2	4	35	13	"	D, S	Sand boulders 8; limestone 48.
Con. X	E. S. Styles	"	Feb. 26, 1954	2	5	20	22	"	S	Old well 10; grey granite 245.
Con. XII	R. Carr	A. Stanton	Feb. 2, 1955	5	5	20	7	"	S	Gravel stones 25; hard dark grey limest. 50; reddish grey limest. 64.
Gloucester Twp.										
Lot 21	K. Prichard	W. Meagher	Aug. 24, 1954	5	5	40	40	Fresh	D	Blue clay 57; sand 70; limestone 200; sandstone 250.
Lot 21	M. Smith	J. Kettles	Sep. 15, 1954	4	4	47	15	Slightly Sulphur	D	Red clay 21; hardpan boulders 68; quicksand 71; hard grey limestone 103.
Lot 1	L. I.	W. Meagher	Jul. 18, 1953	5	4	7	6	Fresh	D	Clay hardpan 31; limestone 78.
Lot 1	L. I.	J. Kettles	Dec. 28, 1953	4	2	10	20	"	D	Red clay hard heads 25; hard limestone 84.
Lot 1	L. I.	G. McLean	May 27, 1954	4	4	14	14	"	D	Clay 30; limestone 70.
Lot 1	L. I.	"	Jun. 1, 1954	4	4	26	26	"	D	Clay 24; limestone 70.
Lot 1	L. I.	"	Jul. 15, 1954	4	4	30	26	"	D	Clay 29; gravel 30; limestone 71.
Lot 1	L. I.	"	Oct. 26, 1954	4	4	32	23	"	D	Loam 8; stony clay 25; limestone 72.
Lot 1	L. I.	W. Lefebvre	Nov. 2, 1954	8	4	3	12	"	D	Red clay 4; blue clay 30; sand gravel 31.
Lot 1	M. Boulst	"	Jun. 1, 1953	8	2 1/2	43	14	Sulphur	D	Red clay 10; blue clay 4; black sand 43.
Lot 1	R. Champagne	J. B. Dufresne	Jun. 24, 1953	3	8	30	22	"	C	Blue clay 47; limestone 53.
Lot 1	E. Brault	"	Sep. 10, 1953	5	4	16	12	Fresh	D	Blue clay 110; limestone 112.
Lot 1	U. Champagne	G. Charbonneau	Nov. 25, 1953	3	4	15	3	"	D	Topsoil 3; blue clay 27.
Lot 1	A. Lefebvre	"	Nov. 29, 1954	15	8	15	11	"	D	Topsoil 3; blue clay 25.
Lot 1	J. P. Lefebvre	J. B. Dufresne	Nov. 29, 1954	2	4	50	48	"	D	Blue clay 60; gravel sand 63; limestone 141.
Lot 2	R. Proulx	"	Sep. 8, 1953	2	3	Flows	Flows	Salt	D	Blue clay 4; blue clay 61; sand 61 1/3.
Lot 2	C. Gaillet	W. Lefebvre	Oct. 21, 1953	6	3	35	23	"	D	Clay 100; sand 120; grey limestone 140.
Lot 3	L. Boutin	J. B. Dufresne	Dec. 17, 1954	3	4	Flows	Flows	"	P	Clay 110; sand 150; gravel sand 178.
Lot 5	Grey Huns of the Cross	"	Jul. 2, 1953	4	20	Flows	Flows	Slightly Sulphur	D	Blue clay 140; fine white sand 149; gravel 155.
Lot 6	G. R. Somerville	J. Kettles	Jun. 11, 1953	4	3	20	5	"	D	Clay 180; gravel boulders 210; limestone 220.
Lot 6	A. Menard	J. B. Dufresne	Mar. 25, 1954	3	5	21	20	Fresh	P	Clay 100; gravel 101; boulders sand 107; hardpan 115; gravel 136.
Lot 15	E. Spooner	B. E. Sparks	Jun. 25, 1953	7	10	65	65	"	P	Blue clay 180; gravel 187.
Lot 16	L. Laporte	T. H. Adams	Jun. 27, 1954	5	7	65	65	Sulphur	P	Blue clay 190; gravel 195.
Lot 16	R. Laporte	"	Jul. 3, 1954	5	7	65	65	"	P	Blue clay 160; gravel 165.
Lot 16	T. Sequin	"	Jul. 22, 1954	5	7	65	65	"	P	Clay 62; limestone 72.
Lot 18	T. Collins	J. B. Dufresne	Jul. 16, 1954	3	10	30	22	Fresh	D	Gravel 5; grey limestone 195.
Lot 19	C. Dubois	G. S. Mulligan	Apr. 7, 1953	6	4	45	40	"	D	

CARLETON COUNTY-cont.

Gloucester	Wp. cont.	F.A. McLean & Son	Apr. 27, 1953	5	4	132	32	Fresh	D	Limestone 190.
O.F. Con I	lot 19	H. Helmer	May 5, 1953	5	8	100	35	"	D	Clay loam 1 1/2; soft brown limestone 187.
O.F. Con I	lot 19	J. Wansbrough	May 17, 1953	5	5	100	35	"	D	Clay 2 1/2; limestone 147.
O.F. Con I	lot 19	A.B. Taylor	Jun. 1, 1953	5	5	100	35	"	D	Clay 40; boulders till; 105; limestone 165.
O.F. Con I	lot 19	P. Savic	Jul. 18, 1953	5	6	70	25	"	D	Boulder till 7; limestone 150.
O.F. Con I	lot 19	G. Watt	Jul. 30, 1953	5	4	40	18	"	D	Broken limestone 12; limestone 165.
O.F. Con I	lot 19	K. Scott	Aug. 15, 1953	6	5	28	18	"	D	Sandy loam 1; limestone 174.
O.F. Con I	lot 19	T.J. Slachut	Aug. 17, 1953	5	7	65	28	"	D	Clay 105; shale 107; limestone 258.
O.F. Con I	lot 19	J. Proudfoot	Sep. 4, 1953	5	5	35	15	"	D	Clay 120; shale 40; limestone 167.
O.F. Con I	lot 19	B. Phillips	Sep. 11, 1953	5	5	35	15	"	D	Brown sand 5; hardpan 1 1/2; limestone 175; black limestone shale 200.
O.F. Con I	lot 19	P.A. McLean & Son	Apr. 18, 1954	5	7	160	115	"	D	Blue clay 13; black shale 55; grey limestone shale 220.
O.F. Con I	lot 19	H. Woodard	Apr. 26, 1954	5	7	25	25	"	D	Clay 120; sandy gravel 12; limestone 212.
O.F. Con I	lot 19	R.M. Bauld	Apr. 28, 1954	5	10	45	35	"	D	Clay 45; boulders 53; clay sand 73; limestone 152.
O.F. Con I	lot 19	W. K. Bros. Inc	Apr. 28, 1954	5	5	42	35	"	D	Clay 94; sand 97; limestone 161.
O.F. Con I	lot 19	J.B. Foster	Jul. 19, 1954	4	5	45	31	"	D	Clay 28; broken rock 32; limestone 156.
O.F. Con I	lot 19	E.C. Hill	Oct. 28, 1954	4	1	156	62	"	D	Clay 80; coarse dry gravel 137; limestone 225.
O.F. Con I	lot 19	G. Murry	Nov. 25, 1954	5	5	120	60	"	D	Clay 100; sandy gravel 111; loose limestone 130; limestone 225.
O.F. Con I	lot 19	R. Bachlor	Dec. 7, 1954	5	6	50	14	"	D	Clay 6 boulders hardpan 14; loose rock 18; grey limestone 174.
O.F. Con I	lot 19	J. Botts	Dec. 24, 1954	5	6	20	18	"	D	Sand loam 1; slab rock 6; blue limestone 90; brown limestone 223.
O.F. Con I	lot 19	G. Allen	Dec. 28, 1954	5	8	119	39	"	D	Clay gravel 2; limestone 125.
O.F. Con I	lot 20	J.C. Carleton	Jan. 22, 1955	4	5	20	20	"	D	Silt 3; loose shale 5; brown shale 90.
O.F. Con I	lot 20	T.H. Adams	May 14, 1954	5	6	32	32	"	D	Silt 3; loose shale 10; brown shale 91.
O.F. Con I	lot 20	W. Holoughney	May 18, 1954	5	5	150	32	"	D	Black loam stones 27; limestone 262.
O.F. Con I	lot 20	R.M. Johnson	Jun. 10, 1954	4	6	20	15	"	D	Brown shale 15; blue limestone 100.
O.F. Con I	lot 20	S. Glazen	Jun. 16, 1954	4	5	33	33	"	D	Shaly ground 58; hard black limestone 192; very soft white limestone 203; soft grey limestone 233.
O.F. Con I	lot 20	A.O. Fields	Jun. 18, 1954	4	1	93	33	"	D	Boulders clay 4; loose rock 7; limestone 190.
O.F. Con I	lot 20	Imperial Oil	Jun. 19, 1954	6	8	20	5	"	C	Brown shale 20; blue limestone 232.
O.F. Con I	lot 20	L. Gendron	Jul. 6, 1954	5	4	60	30	"	D	Clay 2; loose shale 7; brown shale 100; limestone 118.
O.F. Con I	lot 20	G. Glazer	Jul. 13, 1954	4	5	25	15	"	D	Brown shale 15; blue limestone 194.
O.F. Con I	lot 20	E.S. Rose	Jul. 15, 1954	4	8	35	30	"	D	Boulders clay 7; loose shale 10; limestone 195.
O.F. Con I	lot 20	L. Gendron	Jul. 23, 1954	5	6	25	23	"	D	Shale rock 17; grey limestone 123.
O.F. Con I	lot 20	Valley Drilling	Aug. 13, 1954	6	6	25	23	"	D	Overburden clay 30; shale 138.
O.F. Con I	lot 20	W. Holoughney	Aug. 13, 1954	5	5	200	16	"	D	Brown sand 6; blue clay pebbles 19; black shale 40; grey shale 200.
O.F. Con I	lot 20	Valley Drilling	Sep. 8, 1954	4	5	405	30	"	D	Sand 13; dark-brown shale 35; light-brown limestone 75; white limestone 405.
O.F. Con I	lot 22	J. Grenier	Nov. 25, 1954	4	1/6	8	9	"	C	Clay loam 3; blue clay 12; till 18; black shale 23; grey shale 99.
O.F. Con I	lot 22	E. Dinoshell	Oct. 1, 1954	4	8	35	9	"	D	Clay 75; limestone 101.
O.F. Con I	lot 25	Bytown Const.	Oct. 26, 1953	4	10	15	10	"	D	Limestone 48.
O.F. Con II	lot 25	E. Cote	Feb. 11, 1954	4	8	27	27	"	D	Red clay 4; blue clay 39; gravel 40.
O.F. Con II	lot 6									

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont Gloucester Twp. cont									
O.F. Con II lot 27	L. Major	T.H. Adams	May 9, 1953	4	1 1/2	6	Fresh	D	Gravel clay 6; clay gravel loose rock 12; grey limestone 69.
O.F. Con II lot 27	Cyrville Sep. School	"	Jun. 29, 1953	6	8	12	"	P	Black loam 3; till 10; black shale 23; grey shale 170.
O.F. Con II lot 27	C. Trudel	"	Sep. 13, 1953	4	6 1/2	20	12 1/2	D	Clay gravel 10; black shale 55.
O.F. Con II lot 27	Cyrville Sep. School	"	Nov. 6, 1953	6	10	35	15	P	Black loam 2; blue clay 10; till 18; black shale 23; grey shale 137.
O.F. Con II lot 27	S. Mainville	"	Jan. 9, 1954	4	8	48	15	D	Dark sandy soil 3; till 12; black shale 13; grey shale 118.
O.F. Con II lot 27	O. Poulsen	"	Aug. 16, 1954	4	8	74	19	D	Black loam 4; grey clay sand 16; black shale 43; grey shale 74.
O.F. Con II lot 27	J.W. Byrnes	"	Sep. 13, 1954	4	8	45	18	D	Clay loam 4; blue clay 15; black shale 34; grey shale 87.
O.F. Con II lot 27	J.M.E. Trepanier	"	Sep. 27, 1954	4	3	45	9	D	Clay loam 4; blue clay 15; black shale 35; grey shale 51.
O.F. Con II lot 27	C. Renaud	"	Oct. 9, 1954	4	8	25	"	D	Previously dug 12; black shale 35; grey shale 81.
O.F. Con II lot 2	X. Corbiel	J.B. Dufresne	Sep. 11, 1953	2	8	11	"	D	Clay 10; gravel boulders 13; limestone 53.
O.F. Con III "	X. Courcier	"	Nov. 27, 1953	2	8	17	18	P	Clay soil 6; limestone 43.
O.F. Con III "	Blackburn	T.H. Adams	Dec. 7, 1953	4	6 1/2	17	Sulphur	P	Red sand 9; blue clay 11 1/2; limestone 121.
O.F. Con III "	Sep. School	"							
O.F. Con III "	C. Prigion	"	Nov. 1, 1953	8	2 1/2	45	45	D	Red clay 10; blue clay 94; gravel.
O.F. Con III "	E. Lancaster	"	Nov. 23, 1954	4	2 1/2	31	21	D	Stony ground boulders 22; black shale 72.
O.F. Con IV "	Moran Sep. School #17	T.H. Adams	Jun. 20, 1953	4	6 1/2	40	40	P	Red sand 10; blue clay 125; limestone 148.
O.F. Con IV "	D. Barsey	J. Kettles	May 22, 1954	4	1 1/2	40	40	"	Black loam 2; blue clay 38; gravel 60; black shale rock 100.
O.F. Con VII "	J. Johnston	"	Oct. 24, 1953	4	2	7	7	D	Blue clay 55; white sand and gravel 63; black shale bedrock 128; Exc. iron.
O.F. Con VII "	M. Leenbaume	J.B. Dufresne	Apr. 23, 1953	2	6	14	Sulphur	D	Clay 47; limestone 65.
O.F. Con VII "	A. Chabiv	T.H. Adams	Apr. 15, 1953	5	1 1/2	40	15	S	Blue clay 140; gravel 144.
O.F. Con I "	C. Baker	F.A. McLean & Son	Apr. 23, 1953	5	15	9	Fresh	D	Sandy loam 2; clay 20; boulders sand 23; hard blue limestone 38 1/2.
O.F. Con I "	H.A. Roolitt	J.B. Dufresne	Jun. 19, 1954	2	4	40	30	D	Clay 30; grey limestone 88.
O.F. Con I "	A. Davidson	"	Jun. 30, 1954	3	4	40	Flows	D	Clay 30; gravel sand 51; gravel 58.
O.F. Con I "	E. Villeneuve	B. Phillips	Nov. 22, 1954	5	3	51	40	D	Sandy clay 38; boulders 40; sandy clay 82; gravel 84; sandst. 97.
O.F. Con I "	G. Smith	J. Kettles	Dec. 28, 1954	4	4	8	1	D	Blue clay 44; hardpan boulders 53; sand 63; gravel 70.
O.F. Con I "	H. Lulligan	"	Jul. 4, 1953	4	2 1/2	20	16	"	Red clay 70; gravel 72; hard grey limestone 95.
O.F. Con I "	A. Jorency	"	Jul. 5, 1953	4	70	20	16	"	Red clay 70; gravel 72; rock 100.
O.F. Con I "	Charbonneau	F.A. McLean & Son	Jan. 6, 1954	4	14	13	"	D	Soapy clay 20; hardpan 40; gravel 41 1/2; sandstone 55.
O.F. Con I "	A. Rempleton	J.B. Dufresne	Jan. 18, 1954	3	10	40	20	D	Clay 86; limestone 91.
O.F. Con I "	C.F. Leguiffe	"	Nov. 29, 1954	3	3	35	28	D	Sandy clay 30; sand 60; limestone 94.
O.F. Con I "	H. Milligan	J. Kettles	Jun. 7, 1954	4	2 1/2	18	6	D	Red clay 24; gravel 27.
O.F. Con I "	W. VandenBoshe	J.B. Dufresne	Sep. 22, 1953	3	5	10	45	D	Blue sand 50; soapy blue clay sand 80; hard sand gravel 103; blue limestone shale 140; shale sandstone 170; limestone 186.
O.F. Con II "	J. Moore & Son	"	Feb. 4, 1953	3	10	80	45	D	Gravel sand 72.
O.F. Con III "	Hakno Nursery	J.B. Dufresne	Dec. 15, 1954	3	12	30	10	C	Fine grey sand 113; coarse gravel 115.
O.F. Con III "	R. Hamwell	T.H. Adams	Oct. 20, 1954	4	8	28	11	"	Coarse red sand 8; fine grey sand 100; coarse gravel 105.
O.F. Con III "	Que. Retail Ind.	"	May 5, 1953	6	8	24	11	In	Top soil 3; gravel 15; clay 40; fine sand clay 99; grey shale 125.
O.F. Con IV "	W.B. Johnson	R.H. Casselman	Nov. 25, 1953	5	16 1/2	19	20	C	Sand gravel 42; fine white sand 73; sand coarse gravel 82; bedr. 223.
O.F. Con IV "	D. Biddle Const.	J. Kettles	Nov. 9, 1953	2	2 1/2	22	15	"	Pine sand gravel 29; coarse gravel 35.
O.F. Con IV "	A. Clarke	"	Sep. 22, 1953	4	2	16	15	D	Red sand 22; fine gravel sand 31; coarse gravel 38.
O.F. Con IV "	P. Clarke	"	Nov. 27, 1954	4	1 1/2	40	25	D	Sandy clay 86; shale 88; brown limestone 139.
O.F. Con IV "	J.C. Sulphur	B. Phillips	Nov. 27, 1954	4	2	18	8	D	Coarse red sand 5; fine grey sand 55; coarse gravel 58.
O.F. Con IV "	Deschamps	T. Kettles	Jun. 1, 1953	4	2	8	8	D	Red sand 10; blue clay 22; gravel 50.
O.F. Con IV "	P. Cosineau	B. Phillips	Oct. 9, 1953	4	2	98	20	D	Very fine sand gravel 68 1/2; black gravel 76.
O.F. Con IV "	M. Wilson	J. Kettles	Jun. 19, 1954	4	1 1/2	20	20	"	Black muck 2; sand 38; black shale rock 75.
O.F. Con IV "	D.J. Bernard	"	Jan. 26, 1954	4	4	20	"	"	
O.F. Con IV "	T.J. Fleming	G.S. Sullivan	Mar. 9, 1953	4	1 1/2	3	3	D	

CARLETON COUNTY-cont.

Gloucester Twp. cont.	G.S. Mulligan	Mar. 12, 1953	4	3	3	2	Fresh	D	Muck 2; grey sand 35; gravel 39; black shale rock 77.
R.F. Con IV lot 11	J. Kettles	Oct. 20, 1953	4	3	3	2	"	D	Sand 11; clay 15; sand gravel 24; bedrock 81.
R.F. Con IV	"	Oct. 20, 1953	4	2	2	2	"	D	Red and grey sand 28; gravel 38; black shale bedrock 83.
R.F. Con IV	"	Mar. 3, 1954	4	4	4	4	"	D	Red sand 18; blue clay 36; coarse gravel 41; black shale 84.
R.F. Con IV	"	Oct. 7, 1954	4	2	2	2	"	D	Shale gravel 21; black shale bedrock 100.
R.F. Con IV	"	May 22, 1953	4	2	2	12	"	D	Earth boulders 13; grey limestone 40; blue limestone 41; grey limestone 21.
R.F. Con IV	"	Jun. 2, 1953	5	1	7	8	"	S	Earth shaly rock 3; black shale bedrock 160.
R.F. Con IV	"	Jul. 20, 1954	4	1	160	160	"	S	Loose shaly gravel 15; black shale 255. Insufficient supply.
R.F. Con IV	"	Jul. 24, 1953	4	1	255	255	"	D	Loose shaly ground 15; black shale bedrock 223.
R.F. Con IV	"	Jul. 31, 1953	4	1	220	220	"	D	Black loam 2; black shale 7; grey shale 113.
R.F. Con IV	"	Jan. 24, 1953	5	8	13	6	"	S	Shale gravel 13; slate 137.
R.F. Con V	"	Oct. 4, 1953	4	1	50	20	"	S	Earth shaly rock 15; black shale bedrock 250.
R.F. Con V	"	Dec. 1, 1953	4	1	26	60	"	S	Previously drilled 160; black shale bedrock 239.
R.F. Con V	"	Nov. 11, 1954	5	2	23	85	"	D	Salt 3; loose rock 7; solid limestone 85.
R.F. Con V	"	Feb. 25, 1954	5	2	8	7	"	D	Boulders hardpan 3; loose rock 6; solid sand coloured limestone 85.
R.F. Con V	"	Aug. 4, 1953	4	30	15	15	"	D	Red shaly ground con. small broken stones 12; very hard grey limestone 77; very hard white rock 115.
R.F. Con VI	"	Aug. 13, 1954	6	5	200	42	"	D	Clay 30; boulders gravel quicksand 40; limestone 90.
R.F. Con VI	"	Oct. 23, 1953	6	10	500	6	"	In	Red sand 8; blue clay 27; gravel 31; black shale bedrock 90.
R.F. Con VI	"	Apr. 27, 1953	6	1	40	10	"	In	Clay loam 4; loose black shale 6; grey shale 396.
R.F. Con VI	"	Dec. 21, 1954	5	1	40	6	"	D	Clay loam 2; grey shale 550; limestone 645.
R.F. Con VI	"	Apr. 20, 1953	4	3	2	2	"	D, S	Slate 163.
R.F. Con VI	"	Nov. 23, 1953	4	8	2	6	"	S	Sandy loam 3; sand 10; clay 125; sand gravel 137; brown shale 337; black shale 340. Dry well.
Goulbourn Twp.	J. B. Dufresne	Dec. 12, 1954	2	10	15	4	Fresh	D	Clay 4; limestone 12.
Con IV	P. Sparks	Oct. 4, 1954	5	4	15	12	"	D	Blue clay 20; gravel 30; limestone 50.
Con VII	H. Healey	May 30, 1953	5	4	15	12	"	S	Blue clay 70; gravel 73; limestone 90; sandstone 106.
Con IX	F. P. Sparks	Apr. 3, 1953	6	12	18	18	"	D, S	Loose shaly rock; 10 grey limestone 85.
Con IX	W. V. Nurent	May 25, 1953	6	23	23	18	"	D	Loam 11; soft sandstone 44.
Con IX	F. P. Sparks	Feb. 27, 1953	4	3	20	18	"	D	Coarse gravel 15; white limestone 85.
Con IX	"	Apr. 20, 1954	4	3	20	15	"	D, S	Gravel 15; limestone 75.
Con X	"	Jan. 2, 1953	4	3	15	15	"	C	Fine gravel 13; grey limestone 100.
Con X	"	Oct. 22, 1953	4	3	15	16	"	C	Gravel 26; sand 35; grey limestone 65.
Con X	"	Nov. 6, 1953	4	3	17	14	"	D	Red sand 20; gravel 30; grey limestone 60.
Con X	"	Nov. 18, 1953	4	3	21	18	"	D	Gravel 10; red sand 18; grey limestone 85.
Con X	"	Mar. 15, 1954	4	3	25	20	"	D	Red sand 25; gravel 30; grey limestone 75.
Con X	"	Jul. 10, 1954	4	3	20	15	"	D	Gravel 20; red sand 27; limestone 70.
Con X	"	Aug. 31, 1954	6	1	25	8	"	D	Sand gravel 22; limestone 68.
Con X	B. E. Sparks	Sep. 4, 1954	3	25	25	20	"	P	Red sand gravel 25; limestone 60.
Con X	F. P. Sparks	Sep. 15, 1954	4	3	22	18	"	P	Gravel 20; red sand 30; limestone 70.
Con X	"	Dec. 23, 1954	4	3	22	18	"	D	Red sand 27; coarse gravel 33; grey limestone 56.
Con X	"	Nov. 12, 1953	3	25	25	23	"	C	Gravel 30; red sand 36; limestone 65.
Con X	"	Aug. 21, 1954	2	5	25	17	"	D	Sand boulders 42; limestone 90.
Con X	J. B. Dufresne	Aug. 9, 1954	4	3	35	15	"	D	Red sand gravel 20; limestone 70.
Con XI	P. P. Sparks	Jan. 4, 1953	4	1	3	18	"	D	Gravel 10; red sand 30; grey limestone 90.
Con XI	"	Oct. 6, 1953	4	2	15	12	"	D	Red loam 10; gravel 18; grey limestone 63.
Con XI	"	Sep. 18, 1953	4	3	10	8	"	D	Gravel 33; grey limestone 66.
Con XI	"	Oct. 30, 1953	4	3	10	10	"	D	Gravel 8; red loam 12; grey limestone 68.
Con XI	"	Jul. 22, 1954	4	3	50	25	"	D	Red sand gravel 24; limestone 40.
Con XI	"	Nov. 23, 1954	4	3	50	25	"	D	Gravel 26; red sand 30; limestone 85.
Con XI	"	Dec. 1, 1954	4	5	13	10	"	D	Red sand 20; gravel 24; limestone 61.
Con XI	"	Apr. 23, 1953	4	4	5	10	"	D	Gravel 10; grey limestone 46.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont.										
Gaulburn Twp.-cont.										
Con XI lot 26	A. Savage	F.P. Sparks	Nov. 5, 1954	4	3	15	12	Fresh	D	Loam gravel 10; limestone 45.
Con XI lot 27	J. Hansen & Son	P.A. McLean & Son	Feb. 24, 1953	6	10	30	4	Sulphur	D	Fill 7; clay 37; blue limestone 180.
Con XI lot 31	J.B. Dufresne	J.B. Dufresne	Jun. 19, 1953	2	5	30	27	Fresh	D	Broken limestone and sandst. 28; mixed limest. and sandst. 103.
Con XII lot 25	K.H. Rowe	P.P. Sparks	May 7, 1953	4	4	15	12	"	D	Shaly rock 12; grey limestone 90.
Con XII lot 26	J. McDaniel	J.B. Dufresne	Oct. 13, 1954	4	2 1/2	20	15	"	D	Gravel 20; limestone 60.
Con XII lot 30	J.F. Aruckle	J.B. Dufresne	Oct. 19, 1954	2	5	30	20	"	D	Sandstone 83.
Con XII lot 33	J.G. Godheusen	"	Apr. 30, 1954	2	4	15	5	"	D	White sandstone 65.
Huntley Twp.										
Con II lot 18	R. Revington	J.B. Dufresne	Dec. 9, 1954	3	5	40	28	Fresh	D	Sand 80; gravel 121; grey limestone 184.
Con II lot 19	S. Bond	"	Dec. 14, 1954	3	6 1/2	30	34	"	D	Clay 43; sand 90; gravel boulders 163; grey limest. 175.
Con III lot 5	B. Hills	B.E. Sparks	Jun. 27, 1954	4	5	32	20	"	D	Hardpan 30; limestone 75.
Con III lot 5	S.C. Crooks	"	Jun. 3, 1954	5	5	45	40	"	D	Hardpan gravel 40; limestone 75.
Con III lot 5	I. Love	"	Oct. 25, 1954	5	55	55	40	"	D	Hardpan 54; limestone 89.
Con III lot 19	B. Bishop	J.B. Dufresne	Jan. 6, 1953	3	9	63	53	"	D	Boulders gravel 50 sand 62 boulder gravel 97.
Con III lot 19	A. Stanton	"	Jul. 12, 1954	5	2 1/2	60	35	"	D	Sand boulders 32; fine sand 80; coarse gravel 91.
Con III lot 19	M.P. Forrest	M. Neagher	Oct. 13, 1954	4	5	20	10	"	D	Loam 6; limestone 65.
Con IX lot 12	C. Gentry Sep.	"	Oct. 3, 1954	4	6 1/2	117	17	"	P	Loam 3; limestone 117.
Con IX lot 15	J. Brown	"	Oct. 10, 1954	4	5	Flows	"	"	D, S	Loam 10; limestone 78.
Con XI lot 20	J. Flynn	C. Dufresne	Oct. 29, 1954	2	9	10	3	"	D	Gravel sand 10; limestone 30; red granite 57.
Con XI lot 22	J.L. Mantil	"	Oct. 27, 1954	2	6 1/2	40	35	"	S	Loam clay 10; limestone 40; sandstone 162.
March Twp.										
Con II lot 14	W. Kelly	J. Murphy	Feb. 4, 1954	6	15	12	12	Fresh	D	Hard white sandstone or marble 44.
Con II lot 20	V. Murphy	B.E. Sparks	Aug. 8, 1953	6	10	30	16	"	S	Till 4; sandstone 54.
Con II lot 20	E. McCord	"	Nov. 18, 1953	6	6 1/2	25	12	"	D, S	Dug well 18; clay 42; granite 95.
Con II lot 24	C. Kennedy	"	Dec. 30, 1953	5	9	52	16	"	S	Earth 1; granite 52.
Con III lot 9	R. Wilson	J.B. Dufresne	Mar. 6, 1953	3	2 1/2	30	14	"	D	Clay 49; sandstone 122.
Con III lot 11	G. Graham	B.E. Sparks	Nov. 3, 1953	4	5	60	35	"	D	Earth 1; sandstone 68.
Con IV lot 6	D. Rubin	K. Sparks	Mar. 15, 1954	4	5	Flows	"	"	D	Clay 54; granite 56.
Con IV lot 6	W. Marcenko	J.B. Dufresne	Jul. 22, 1954	4	1 1/2	Flows	"	"	D	Clay 85; limestone 173.
Con IV lot 7	B. Foley	J.T. Dolan	Aug. 15, 1954	4	3	15	5	"	D	Clay 4; sandstone 30.
Con IV lot 7	B. Brennan Bros.	W. McLoughney	Oct. 7, 1954	4	5	26	12	"	D	Silt 12; boulders 40; hardpan 60; rock 84.
Con IV lot 7	H. White	K. Sparks	Jul. 14, 1953	4	5	25	12	"	D	Silt 7; hardpan 20; limestone 60.
Con VI lot 21	W.C. Camp	P.A. McLean & Son	Apr. 5, 1954	4	2 1/2	32	12	"	D	Topsoil 2; hardpan 4; limestone shale 45.
Con VII lot 16	T. Bourke	K. Sparks	Jul. 4, 1953	5	10	32	28	"	P	Sand gravel 5 1/2; limestone shale 65; limestone 117.
Con VII lot 21	C. Duhamel	J.B. Dufresne	Jun. 13, 1953	4	2 1/2	20	10	"	D	Topsoil 1; shaly limestone 2; blue limestone 45.
Con VIII lot 26	"	"	"	2	1	10	5	"	D	Limestone 60.
Marlborough Twp.										
Con I lot 17	J. Lightle	Lackey & Scott	Jul. 25, 1953	5	3	25	"	Fresh	D	Earth 39; limestone 44.
Con I lot 16	A. Thompson	"	Aug. 6, 1953	5	3	11	"	"	D	Dug well 12; limestone 18.
Con I lot 28	C. Casselman	"	Dec. 11, 1954	5	5	15	"	"	D	Limestone 27 1/2.
Con V lot 7	G. McKee	"	May 21, 1954	4	2 1/2	23	18	"	D	Clay 18; white limestone 50.
Con VII lot 2	C. Clarke	P.P. Sparks	Dec. 28, 1953	4	4	15	10	"	D, S	Gravel 10; blue limestone 50.
Con VII lot 9	F. James	I. Smizer & Sons	Jun. 18, 1954	5	1 1/2	30	27	"	D, S	Hard limestone 90.
Con X lot 1	H. Bower	P.P. Sparks	Apr. 3, 1954	4	4	35	30	"	D, S	Red loam 28; gravel 40; limestone 97.
Nepean Twp.										
Con A lot 1	J. Burke	B.E. Sparks	May 12, 1954	5	5	10	8	Fresh	D	Sand clay 30; sandstone 46.
Con A lot 1	R.J. Andrews	W.M.E. Sparks	Oct. 29, 1954	4	5	30	15	"	D	Clay 59; sandstone 72.
Con A lot 3	E. Steel	P.P. Sparks	Oct. 22, 1954	4	3	20	15	"	D	Red loam 15; sandstone 50.

CARLETON COUNTY-cont.

Dep. Transport	J.B.Dufresne	Oct. 5, 1953	2	3	10	6	Fresh	2	Blue clay 14; red granite 51.
O.P. Con A lot	J.B.Dufresne	Oct. 5, 1953	2	3	10	6	"	2	Limestone 55.
O.P. Con A	B.E.Sparks	Jun. 3, 1953	4	10	15	8	"	D	Clay 6; hard limestone 31.
O.P. Con A	B.Philips	Mar. 3, 1954	4	6	10	8	"	D	Hard limestone 45.
O.P. Con A	"	Mar. 3, 1954	2	6	10	8	"	D	Limestone 40.
O.P. Con A	J.B.Dufresne	Jul. 27, 1953	5	2	35	15	"	D	Clay 3; limestone 94.
O.P. Con A	B.Philips	Feb. 9, 1954	5	6	35	15	"	D	Loam 2; limestone 67.
O.P. Con A	B.E.Sparks	Jun. 2, 1953	5	7	35	16	"	D	Clay loam 3; slab limestone 8; blackish blue crystalline limestone 135
O.P. Con A	F.A.McLean & Son	May 5, 1954	4	2	80	9	"	D	Clay loam stones 3; lag limestone 15; blue limestone 64.
O.P. Con A	"	May 17, 1954	4	4	10	9	"	D	Clay loam 2; soft limestone 8; bluish limestone 37.
O.P. Con A	"	May 17, 1954	4	4	10	9	"	D	Clay 62; red sand 64; fine sand 65; sandstone 89.
O.P. Con A	B.Philips	Sep. 14, 1953	5	7 $\frac{1}{2}$	35	25	"	D	Clay 33; sandstone 46.
O.P. Con A	W.M.E.Sparks	Aug. 25, 1954	4	5	22	14	"	P	Silt 6; limestone 50.
O.P. Con I	Valley Drilling	Nov. 15, 1953	5	5	22	14	"	P	Boulder till 12; limestone 60; sandstone 75.
O.P. Con I	F.A.McLean & Son	May 5, 1953	6	8	16	12	"	P	
O.P. Con I	"	May 11, 1953	5	7	26	18	"	P	Clay 30; hardpan 43.
O.P. Con I	J.B.Dufresne	Oct. 2, 1953	3	5	30	15	"	P	Clay 25; hardpan 35; limestone 118.
O.P. Con I	Valley Drilling	Jun. 19, 1953	4	4	20	15	"	D	Clay 40; sand 55; limestone 92.
O.P. Con I	B.Philips	Feb. 22, 1954	4	2	22	15	"	D	Blue clay 55; brown running sand 48; blue limestone 87.
O.P. Con I	F.A.McLean & Son	Jul. 6, 1954	4	6	40	20	"	D	Sand 64; gravel 65.
O.P. Con I	W.McLaughney	Sep. 22, 1954	4	4	30	15	"	D	Clay 50; sand 55; blue-black limestone 98.
O.P. Con I	W.M.E.Sparks	Oct. 9, 1954	4	3	40	20	"	D	Silt 3; loose rock 7; solid rock 100.
O.P. Con I	F.A.McLean & Son	May 16, 1953	4	5	23	15	"	D	Clay 20; limestone 70.
O.P. Con I	J.B.Dufresne	Jun. 7, 1953	3	5	18	15	"	D	Clay 35; sand gravel 80.
O.P. Con II	J.T.Dolan	Jun. 23, 1954	4	3	50	12	"	D	Clay 143; granite 215.
O.P. Con II	B.E.Sparks	Jun. 14, 1954	5	2	30	12	"	D	Gravel loam 4; sandstone 48.
O.P. Con II	W.M.E.Sparks	Oct. 19, 1954	4	2	30	5	"	D	Earth 2; limestone 25; sandstone 39.
O.P. Con II	S.H.Mulligan	Jan. 30, 1953	6	2	15	5	"	D	Earth 2; limestone 25; sandstone 39.
O.P. Con II	F.A.McLean & Son	Jun. 16, 1954	5	4	15	10	"	D	Old well, 16; sandstone 37.
O.P. Con II	W.McLaughney	Aug. 18, 1954	4	7 $\frac{1}{2}$	63	34	"	D	Sandy gravel 16; sandstone 105.
O.P. Con A	J.B.Dufresne	Jan. 8, 1953	3	8	16	12	"	D	Clay 46; sand 108; gravel 102.
O.P. Con A	"	Jan. 13, 1953	3	8	25	20	"	D	Earth sand 3; sand 54; limestone 68.
O.P. Con A	G.L.Cromie	Feb. 21, 1953	3	7	30	20	"	D	Sand 58; limestone 96.
O.P. Con A	W.E.Brown	Feb. 25, 1953	3	7	30	20	"	D	Sand 50; limestone 57.
O.P. Con A	"	Feb. 26, 1953	3	7	30	20	"	D	Sand 43; limestone 72.
O.P. Con A	"	Feb. 28, 1953	3	5	30	11	"	D	Sand 50; limestone 72.
O.P. Con A	A.Poy	Sep. 5, 1953	4	8	55	31	"	D	Sandy loam 6; clay 45; sandy clay 85; gravel 38; gravel sand
O.P. Con A	M.J.Miller	Dec. 10, 1953	4	4	48	37	"	D	clay 98; limestone sandstone 129.
O.P. Con A	F.Paucher	Dec. 10, 1953	4	4	60	28	"	D	Sandy soil 37; blue limestone 68.
O.P. Con A	B.Philips	May 22, 1954	4	4	37	32	"	D	Sand 5; clay 48; limestone 112.
O.P. Con A	S.H.Mulligan	Jul. 12, 1954	4	5	37	32	"	D	Sand 8; clay 39; sand 55; gravel 57; hard sandst. 87; sandst. shale
O.P. Con A	"	Jul. 12, 1954	4	10	30	17	"	D	98; hard stone 105.
O.P. Con A	B.Philips	Sep. 13, 1954	4	3	100	45	"	D	Sand 44; limestone 79.
O.P. Con A	Valley Drilling	Oct. 21, 1954	5	5	15	15	"	D	Clay hardpan 98; sandstone 132.
O.P. Con A	J.B.Dufresne	Dec. 4, 1954	4	10	15	4	"	D	Sand 20; clay 85; boulders gravel 103; sandstone 161.
O.P. Con A	F.A.McLean & Son	Jan. 20, 1953	3	4	35	10	"	P	Blue clay 20; hardpan 40; running sand 59; blue limestone 76.
O.P. Con A	D.A.Olliver	Dec. 7, 1953	4	5	28	48	"	D	Clay 48; limestone 140.
O.P. Con A	G.L.Gray	Apr. 3, 1954	4	5	65	45	"	D	Sand 8; clay 40; quicksand 105; hardpan 115; gravel 117.
O.P. Con A	McCullough	Aug. 3, 1953	6	5	30	30	"	D	Sand 62; gravel boulders 96.
O.P. Con A	C.A.Johansen	Dec. 21, 1953	4	5	34	31	"	C	Sand clay 81; gravel 92; limestone 112; sandstone 230.
O.P. Con A	"	Dec. 21, 1953	4	5	34	31	"	D	Sand 10; clay 69; limestone 113.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont										
Nepean Twp. cont.										
R.P. Con A " 29	Trans Northern Pipe Line Co.	R.H. Casselman	Oct. 5, 1954	5	17	19	13	Fresh	C	Topsoil 2; dry hard-packed red sand 18; clay 30; hardpan 30; running sand 11; medium hard limestone 119.
R.P. Con A " 29	B.A. Oil Co. Ltd	B. Phillips	Oct. 26, 1954	6	8	12	12	"	In	Sandy clay 37; sandstone 142.
R.P. Con A " 31	D.G. Robertson	J.B. Dufresne	Dec. 23, 1954	5	7	20	10	"	D	Clay 20; hardpan boulders 23; grey limestone 36.
R.P. Con A " 31	F. Stewart	F.A. McLean & Son	Nov. 25, 1953	4	4	35	22	"	D, S	Boulder clay 110; limestone 11.
R.P. Con A " 31	J.B. Wallace	Valley Drilling	Aug. 22, 1953	5	7 1/2	35	35	"	D	Blue clay 6; blue limestone 94.
R.P. Con A " 32	A. Stewart	B. Phillips	Aug. 22, 1953	5	6	21	17	"	D	Clay 4; limestone 107.
R.P. Con A " 32	R.B. Stewart	F.A. McLean & Son	Oct. 30, 1953	5	6	21	17	"	S	Previously drilled 51; limestone 100; sandst. black shale 173.
R.P. Con A " 34	Ryan & Lancas- ter	Valley Drilling	Jan. 1, 1954	4	4	20	12	"	D	Silt 4; limestone 50.
R.P. Con A " 34	"	"	Jan. 8, 1954	4	4	20	15	"	D	Silt 4; limestone 50.
R.P. Con A " 34	"	"	Jan. 15, 1954	4	4	25	15	"	D	Silt 4; limestone 50.
R.P. Con A " 34	"	"	Jan. 23, 1954	4	4	20	12	"	D	Silt 4; limestone 50.
R.P. Con A " 34	J. Dennis	M. Meagher	Feb. 15, 1954	4	10	40	40	"	D	Topsoil 8; grey clay 20; grey clay pebbles 35; limestone 100.
R.P. Con A " 34	A. Payette	F.A. McLean & Son	Mar. 17, 1954	4	6	15	13	"	D	Clay stones 5; limestone 51.
R.P. Con A " 34	"	"	Mar. 21, 1954	4	6	15	13	"	D	Clay stones 5; limestone 52.
R.P. Con A " 34	"	"	May 1, 1954	4	8	7	7	"	D	Clay stones 5; limestone 50.
R.P. Con A " 34	D. Ryan	Valley Drilling	May 1, 1954	4	3	10	10	"	D	Brown loam 5; blue limestone 50.
R.P. Con A " 34	A. Payette	F.A. McLean & Son	May 8, 1954	4	7	10	5	"	D	Clay stones 7; limestone 51.
R.P. Con A " 34	D. Ryan	Valley Drilling	May 8, 1954	4	3	10	10	"	D	Brown loam 5; blue limestone 50.
R.P. Con A " 34	A. Payette	F.A. McLean & Son	May 9, 1954	4	8	7	7	"	D	Clay stones 7; limestone 51.
R.P. Con A " 34	D. Ryan	Valley Drilling	May 13, 1954	4	3	10	10	"	D	Brown loam 6; blue limestone 50.
R.P. Con A " 34	Sun Oil Co.	B. Phillips	Jun. 7, 1954	6	10	8	6	"	C	Clay 8; limestone 112.
R.P. Con A " 34	P.A. Jones	Valley Drilling	Aug. 12, 1954	4	5	10	10	"	D	Clay loam 3; blue limestone 50.
R.P. Con A " 34	A. Payette	F.A. McLean & Son	Aug. 17, 1954	4	10	12	12	"	D	Clay 8; soft black shale 16; blue limestone 50.
R.P. Con A " 34	D. Ryan	Valley Drilling	Aug. 19, 1954	4	3	15	15	"	D	Blue clay black shale 25; blue limestone 50.
R.P. Con A " 34	A. Payette	F.A. McLean & Son	Aug. 20, 1954	4	10	13	13	"	D	Clay 6; soft black shale 15; blue black limestone 51.
R.P. Con A " 34	D. Ryan	Valley Drilling	Aug. 27, 1954	4	6	10	10	"	D	Blue clay 20; blue limestone 50.
R.P. Con A " 34	A. Payette	F.A. McLean & Son	Sep. 12, 1954	4	6	11	11	"	D	Clay sand 9; limestone 50.
R.P. Con A " 34	R. Jones	F.A. McLean & Son	Nov. 12, 1954	4	5	5	3	"	D	Blue clay 3; blue limestone 50.
R.P. Con A " 34	A. Payette	Valley Drilling	Nov. 12, 1954	5	15	4 1/2	3	"	D	Sandy clay boulders 11; black limestone 52.
R.P. Con A " 34	R. Jones	F.A. McLean & Son	Nov. 19, 1954	4	5	8	3	"	D	Blue clay 3; blue limestone 50.
R.P. Con A " 34	K. Dale	Valley Drilling	Dec. 20, 1954	4	10	8	8	"	D	Top soil 7; clay boulders 10; sand gravel 12; hard limestone 50.
R.P. Con A " 34	E.F. Dennis	M. Meagher	Dec. 28, 1954	4	10	18	14	"	D	Top soil 10; clay 14; sand gravel 16; hard limestone 50.
R.P. Con A " 35	"	"	Apr. 6, 1953	4	4	18	14	"	D	Blue clay 6; gravel 12; hardpan 23; limestone 65; black shale 80; limestone 100.
R.P. Con A " 35	"	"	Apr. 12, 1953	4	4	11	9	"	D	Clay 8; blue clay 20; gravel 27; hardpan 33; limestone 80; black shale 95; limestone sandstone 105.
R.P. Con A " 35	"	"	Jun. 19, 1953	4	10	17	17	"	D	Brown clay 29; sandstone 100.
R.P. Con A " 35	J.P. Chenier	W.M.E. Sparks	Aug. 12, 1953	5	5	35	26	"	D	Clay hardpan 50; limestone 115.
R.P. Con A " 35	"	"	Aug. 19, 1953	5	5	35	28	"	D	Clay hardpan 52; limestone 125.
R.P. Con A " 35	R. Benac	M. Meagher	Aug. 22, 1953	5	10	35	24	"	D	Blue clay 38; hardpan 53; gravel 63; limestone 110.
R.P. Con A " 35	H.O. Easby	W.M.E. Sparks	Aug. 26, 1953	5	40	40	20	"	D	Clay hardpan 53; limestone 72 1/2.
R.P. Con A " 35	R. Benac	M. Meagher	Sep. 31, 1953	5	10	38	28	"	D	Blue clay 38; hardpan 53; gravel 63; limestone 112.
R.P. Con A " 35	H.O. Easby	W.M.E. Sparks	Sep. 31, 1953	5	10	38	28	"	D	Clay hardpan 52; limestone 124.
R.P. Con A " 35	R. Benac	M. Meagher	Sep. 22, 1953	5	10	25	20	"	D	Blue clay 36; hardpan 55; gravel 62; limestone 114.
R.P. Con A " 35	"	"	Oct. 27, 1953	4	3	20	26	"	D	Blue clay 35; hardpan 55; gravel 63; limestone 95.
R.P. Con A " 35	A. Samure	Valley Drilling	Nov. 6, 1953	4	3	20	26	"	D	Blue clay 40; hardpan 55; blue limestone 103.
R.P. Con A " 35	H.O. Easby	W.M.E. Sparks	Nov. 6, 1953	5	3	20	26	"	D	Blue clay 45; hardpan 60; blue limestone 100.
R.P. Con A " 35	A. Samure	Valley Drilling	Nov. 6, 1953	5	4	25	25	"	D	Blue clay 30; hardpan 51; blue limestone 81.
R.P. Con A " 35	R. Arvisais	B. Phillips	Nov. 19, 1953	4	7 1/2	27	26	"	D	Clay 35; gravel 58; shale 64; limestone 115.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-Cont.										
Nepaan Twp. Cont.										
R.P. Con. A lot 35	C. Easy	M. Meagher	Jun. 7, 1954	5	10	30	30	Fresh	D	Top soil 10; blue clay 30; hardpan 67; gravel sand 75; limest. 175.
R.P. Con. A " 35	J.P. Chenier	W.M.E. Sparks	Jun. 7, 1954	3	15	10	10	"	D	Clay loam 20; grey limestone 50.
R.P. Con. A " 35	"	"	Jun. 10, 1954	3	2	20	20	"	D	Clay hardpan 59; limestone 34-7.
R.P. Con. A " 35	A. Saumure	Valley Drilling	Jun. 14, 1954	2	6	28	20	"	D	Clay 50; blue limestone 110.
R.P. Con. A " 35	O. Easy	M. Meagher	Jun. 18, 1954	2	10	40	40	"	D	Top soil 10; blue clay 30; hardpan 69; gravel sand 74; limest. 187.
R.P. Con. A " 35	J.P. Chenier	B.E. Sparks	Jun. 22, 1954	2	3	10	10	"	D	Clay 40; limestone 53.
R.P. Con. A " 35	"	W.M.E. Sparks	Jun. 24, 1954	2	3	15	10	"	D	Clay 40; limestone 107.
R.P. Con. A " 35	"	B.E. Sparks	Jun. 25, 1954	2	3	55	10	"	D	Clay 40; limestone 107.
R.P. Con. A " 35	"	W.M.E. Sparks	Jun. 25, 1954	2	3	55	10	"	D	Clay loam 20; limestone 118.
R.P. Con. A " 35	"	B.E. Sparks	Jun. 25, 1954	2	3	8	25	"	D	Clay 40; limestone 121.
R.P. Con. A " 35	Can. Petrofina	B. Phillips	Jun. 30, 1954	5	4	40	25	"	D	Clay limestone 45; limestone 121.
R.P. Con. A " 35	J.P. Chenier	W.M.E. Sparks	Jul. 2, 1954	4	5	60	10	"	D	Clay loam 40; limestone 65; hardpan 70; gravel sand 73; limest. 132.
R.P. Con. A " 35	"	"	Jul. 2, 1954	4	5	25	15	"	D	Top soil 10; blue clay 30; hardpan 100.
R.P. Con. A " 35	O. Easy	M. Meagher	Jul. 2, 1954	5	10	35	35	"	D	Clay hardpan 43; limestone 92.
R.P. Con. A " 35	J.P. Chenier	W.M.E. Sparks	Jul. 6, 1954	4	5	12	8	"	D	Clay hardpan 39; limestone 32.
R.P. Con. A " 35	"	"	Jul. 8, 1954	4	5	30	16	"	D	Clay 45; shale rock 55.
R.P. Con. A " 35	"	B.E. Sparks	Jul. 9, 1954	5	5	35	20	"	D	Clay 45; limestone 91.
R.P. Con. A " 35	"	"	Jul. 13, 1954	5	5	35	20	"	D	Clay 45; limestone 50.
R.P. Con. A " 35	"	B. Phillips	Jul. 14, 1954	5	5	120	31	"	D	Clay 45; gravel 48; shale 50; limestone 280.
R.P. Con. A " 35	J.V. Roy	W.M.E. Sparks	Jul. 15, 1954	5	5	11	8	"	D	Clay hardpan 56; limestone 82.
R.P. Con. A " 35	J.P. Chenier	"	Jul. 15, 1954	4	5	10	30	"	D	Clay loam 42; limestone 90.
R.P. Con. A " 35	"	M. Meagher	Jul. 21, 1954	5	10	30	9	"	D	Top soil 12; blue clay 29; hardpan 67; gravel sand 74; limest. 162.
R.P. Con. A " 35	O. Easy	W.M.E. Sparks	Jul. 22, 1954	5	6	15	8	"	D	Clay hardpan 51; limestone 65.
R.P. Con. A " 35	J.V. Roy	B. Phillips	Jul. 22, 1954	5	6	8	6	"	D	Clay 52; sand 54; limestone 223.
R.P. Con. A " 35	J.P. Chenier	B.E. Sparks	Jul. 23, 1954	5	6	15	15	"	D	Clay 38; limestone 129.
R.P. Con. A " 35	J.V. Roy	W.M.E. Sparks	Jul. 28, 1954	5	6	15	12	"	D	Clay 54; sand 56; limestone 110.
R.P. Con. A " 35	R. Arvisais	B. Phillips	Aug. 3, 1954	4	6	35	22	"	D	Clay loam 43; limestone 175.
R.P. Con. A " 35	O. Easy	M. Meagher	Aug. 3, 1954	5	10	35	35	"	D	Clay 50; sand 54; limestone 39.
R.P. Con. A " 35	"	W. King	Aug. 7, 1954	4	5	35	20	"	D	Top soil 10; blue clay 35; hardpan 70; sand gravel 75; limest. 175.
R.P. Con. A " 35	B. Bannac	Valley Drilling	Aug. 9, 1954	5	3	60	30	"	D	Grey clay with pebbles 8; soft limestone 75.
R.P. Con. A " 35	"	"	Aug. 12, 1954	5	10	35	35	"	D	Blue clay 30; hardpan sand 69; blue limestone 192.
R.P. Con. A " 35	J.P. Chenier	M. Meagher	Aug. 13, 1954	5	4	17	12	"	D	Top soil 9; blue clay 30; hardpan 69; gravel sand 75; limest. 150.
R.P. Con. A " 35	A. Saumure	Valley Drilling	Aug. 14, 1954	5	4	17	12	"	D	Clay hardpan 43; limestone 108.
R.P. Con. A " 35	J.P. Chenier	W.M.E. Sparks	Aug. 20, 1954	5	10	35	35	"	D	Blue clay 45; blue limestone 100.
R.P. Con. A " 35	O. Easy	M. Meagher	Aug. 24, 1954	5	10	35	35	"	D	Clay hardpan 40; limestone 108.
R.P. Con. A " 35	"	"	Sep. 7, 1954	5	10	35	35	"	D	Top soil 9; blue clay 30; hardpan 65; sand gravel 70; limest. 150.
R.P. Con. A " 35	J.V. Roy	B. Phillips	Sep. 21, 1954	5	6	22	17	"	D	Top soil 9; blue clay 28; hardpan 67; gravel sand 74; limest. 150.
R.P. Con. A " 35	"	"	Sep. 21, 1954	5	6	22	17	"	D	Clay 50; gravel sand 55; limestone 134.
R.P. Con. A " 35	O. Easy	M. Meagher	Sep. 24, 1954	5	10	35	35	"	D	Clay 50; sand gravel 55; limestone 134.
R.P. Con. A " 35	B. Bannac	Valley Drilling	Sep. 24, 1954	5	10	30	18	"	D	Top soil 10; blue clay 29; hardpan 59; sand gravel 66; limest. 120.
R.P. Con. A " 35	O. Easy	M. Meagher	Oct. 1, 1954	5	6	30	18	"	D	Blue clay 65; blue limestone 123.
R.P. Con. A " 35	School	P.A. McLean & Son	Oct. 4, 1954	5	10	30	35	"	D	Top soil 10; blue clay 27; hardpan 65; gravel sand 73; limest. 125.
R.P. Con. A " 35	"	"	Oct. 4, 1954	4	6	180	35	"	P	Blue clay 50; sand gravel 56; limest. 105; black shale 170; grey limest. w/ black shale 313.
R.P. Con. A " 35	"	"	Oct. 14, 1954	5	5	20	20	"	D	Blue clay 40; blue limestone 110.
R.P. Con. A " 35	A. Saumure	Valley Drilling	Oct. 14, 1954	5	6	17	12	"	D	Blue clay 60; fine gravel 64.
R.P. Con. A " 35	R. Arvisais	B. Phillips	Oct. 22, 1954	4	5	15	14	"	D	Grey clay w/ pebbles 8; shale 40; hard limestone 84.
R.P. Con. A " 35	E.J. Bullman	W. King	Oct. 22, 1954	4	5	17	12	"	D	Clay 52; sandy gravel 56; limestone 103.
R.P. Con. A " 35	R. Arvisais	B. Phillips	Oct. 26, 1954	4	5	17	12	"	D	Clay hardpan 45; limestone 74.
R.P. Con. A " 35	"	W.M.E. Sparks	Nov. 8, 1954	4	5	12	8	"	D	Clay w/ pebbles 27; shale 40; soft limestone 110.
R.P. Con. A " 35	L.P. Murray	W. King	Nov. 8, 1954	4	5	15	15	"	D	

CARLETON COUNTY-cont.

[illegible]

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont										
Nepean Twp. cont.										
R.P. Con I lot 32	P. Saumure	B. Phillips	May 9, 1953	4	7 1/2	15	12	Fresh	D	Clay 6; hard brown limestone 90.
R.P. Con I " "	M. Neagher	J. Kettles	May 15, 1953	4	10	16	12	"	D	Grey clay 18; sandstone 75.
R.P. Con I " "	J. McMillan	J. Kettles	May 15, 1953	4	20	69	12	"	D	Small stones gravel 16; grey limestone 100.
R.P. Con I " "	C. McSweeney	B. Phillips	May 16, 1953	4	7 1/2	15	13	"	D	Clay 7; limestone 90.
R.P. Con I " "	L. Armstrong	B. Phillips	May 21, 1953	4	7 1/2	15	13	"	D	Clay 8; limestone 100.
R.P. Con I " "	P. Neagher	B. Phillips	May 21, 1953	4	7 1/2	15	13	"	D	Clay stones 5; limestone 100.
R.P. Con I " "	J.V. Roy	B. Phillips	May 26, 1953	4	7 1/2	12	10	"	D	Clay 6; limestone 83.
R.P. Con I " "	L. Armstrong	B. Phillips	May 29, 1953	4	7 1/2	12	10	"	D	Clay 8; limestone 95.
R.P. Con I " "	S.H. Mulligan	B. Phillips	May 30, 1953	4	7 1/2	12	10	"	D	Limestone 96.
R.P. Con I " "	B. Phillips	B. Phillips	Jun. 3, 1953	4	7 1/2	12	10	"	D	Clay 8; limestone 86.
R.P. Con I " "	P.A. McLean & Son	P.A. McLean & Son	Jun. 9, 1953	4	6 1/2	11	9	"	D	Boulders till 8; limestone 80.
R.P. Con I " "	P.A. McLean & Son	P.A. McLean & Son	Jun. 15, 1953	4	6 1/2	12	10	"	D	Boulders 10; limestone 79.
R.P. Con I " "	J. Laing	B. Phillips	Jun. 19, 1953	4	10	15	13	"	D	Boulders 6; limestone 78.
R.P. Con I " "	M. Neagher	B. Phillips	Jul. 3, 1953	4	10	15	13	"	D	Brown clay 3; sandstone 95.
R.P. Con I " "	J.V. Roy	P.A. McLean & Son	Jul. 7, 1953	4	7 1/2	12	10	"	D	Clay 8; limestone 89.
R.P. Con I " "	M. Sullivan	P.A. McLean & Son	Jul. 10, 1953	4	6	12	10	"	D	Boulders 3; limestone 114.
R.P. Con I " "	J.P. Skead	M. Neagher	Jul. 16, 1953	4	10	15	15	"	D	Brown clay 3; sandstone 85.
R.P. Con I " "	A. Payette	P.A. McLean & Son	Jul. 17, 1953	4	6 1/2	16	15	"	D	Boulders 12; limestone 81 1/2.
R.P. Con I " "	M. Sullivan	J. Kettles	Jul. 23, 1953	4	6 1/2	16	15	"	D	Boulders 7; limestone 59.
R.P. Con I " "	P. Parton	P.A. McLean & Son	Aug. 20, 1953	4	1 1/2	32	30	"	D	Red clay some pebbles 16; gravel 16; hard limestone 100.
R.P. Con I " "	M. Sullivan	P.A. McLean & Son	Aug. 24, 1953	4	5	30 1/2	30	"	D	Boulders 5; limestone 121.
R.P. Con I " "	A. Payette	"	Sep. 1, 1953	4	6	20	17	"	D	Clay hardpan 4; limestone 104.
R.P. Con I " "	M. Sullivan	"	Sep. 17, 1953	4	6	14	12	"	D	Clay 10; hardpan 15; limestone 70; sandstone 87.
R.P. Con I " "	M. Sullivan	"	Oct. 9, 1953	4	6	14	12	"	D	Hardpan 9; limestone 104; sandstone 115.
R.P. Con I " "	A. Stewart	B. Phillips	Nov. 2, 1953	4	7 1/2	30	22	"	D	Clay 4; limestone 107.
R.P. Con I " "	M. Sullivan	P.A. McLean & Son	Nov. 5, 1953	4	6	30	22	"	D	Fill 5; limestone 80; black shale sandstone 85.
R.P. Con I " "	A. Stewart	B. Phillips	Nov. 21, 1953	5	7 1/2	23	20	"	D	Top soil 6; limestone 107.
R.P. Con I " "	T.R. Reside	"	Mar. 13, 1954	4	6	27	22	"	D	Clay 22; hardpan 26; limestone 105.
R.P. Con I " "	P. McLaughlin	"	May 15, 1954	5	6	27	17	"	D	Clay 12; limestone 97.
R.P. Con I " "	T. Davidson	P.A. McLean & Son	May 31, 1954	5	8	26	22	"	D	Clay boulders 9; limestone 80.
R.P. Con I " "	S. Read Bros.	B. Phillips	May 31, 1954	5	8	26	22	"	D	Clay 6; limestone 90.
R.P. Con I " "	D. Liddard	P.A. McLean & Son	May 25, 1954	5	8	25	15	"	D	Clay stones 9; limestone 75.
R.P. Con I " "	K.R. Dale	W.J. King	Jun. 9, 1954	4	4 1/2	13	13	"	D	Clay 5; hard limestone 78.
R.P. Con I " "	"	"	Jun. 19, 1954	4	4	13	13	"	D	Clay 5; hard limestone 82.
R.P. Con I " "	"	"	Jul. 3, 1954	4	5	8	13	"	D	Clay 8; hard limestone 78.
R.P. Con I " "	"	"	Jul. 30, 1954	4	5	8	13	"	D	Till 4; limestone 73.
R.P. Con I " "	Sullivan Bldrs.	P.A. McLean & Son	Aug. 9, 1954	4	4	24	18	"	D	Till 4; limestone 71.
R.P. Con I " "	A. Stewart	B. Phillips	Aug. 16, 1954	4	4	24	16	"	D	Clay 9; hard limestone 93.
R.P. Con I " "	S. Read Bros.	W.J. King	Aug. 18, 1954	5	4	24	16	"	D	Clay 7; hard limestone 86.
R.P. Con I " "	K.R. Dale	"	Aug. 20, 1954	4	5	17	17	"	D	Clay 12; hard limestone 109.
R.P. Con I " "	M. Sullivan	P.A. McLean & Son	Aug. 30, 1954	4	6 1/2	34	25	"	D	Clay 12; limestone 72.
R.P. Con I " "	"	"	Aug. 30, 1954	4	6 1/2	34	25	"	D	Clay loam 5; blue limestone 115.
R.P. Con I " "	S. Read Bros.	B. Phillips	Sep. 1, 1954	4	6	14	13	"	D	Clay 10; limestone 84.
R.P. Con I " "	M. Sullivan	P.A. McLean & Son	Sep. 7, 1954	4	6	14	13	"	D	Clay stones 5; limestone 71.
R.P. Con I " "	K.R. Dale	W.J. King	Sep. 10, 1954	4	5	18	15	"	D	Clay 12; hard limestone 66.
R.P. Con I " "	W.M. Sullivan	P.A. McLean & Son	Sep. 15, 1954	4	5	18	15	"	D	Sandy loam 3; limestone 75.
R.P. Con I " "	K.R. Dale	W.J. King	Sep. 24, 1954	4	5	14	9	"	D	Sandy loam 4; limestone 65.
R.P. Con I " "	E.K. Easter	B. Phillips	Sep. 25, 1954	4	5	14	17	"	D	Clay 4; hard limestone 74.
R.P. Con I " "	"	"	Sep. 29, 1954	5	5	22	17	"	D	Clay 8; limestone 103.

CARLETON COUNTY-cont.

[illegible]

Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC ING LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont										
Nepan Twp. cont.										
R.P. Con I " 34	L. Armstrong	S.H. Mulligan	May 2, 1953	4		20	14	"	"	Clay 5; hard limest. 40; soft limest. 147; blue sandst. 175; soft limestone 200.
R.P. Con I " 34	O. Eady	M. Neagher	May 2, 1953	4			23	"	"	Clay 3; limestone 160.
R.P. Con I " 34	L. Armstrong	S.H. Mulligan	May 10, 1953	4		30	15	"	"	Limestone 96; sandstone 160.
R.P. Con I " 34	R. Dennis	M. Neagher	May 14, 1953	4		13	13	"	"	Limestone 3; black shale sandst. 100; sandstone 155.
R.P. Con I " 34	W. Kolburg	B. Phillips	Jun. 9, 1953	4	4 7 1/2	22	13	"	"	Clay 1; broken brown limest. 6; light brown limest. 124; dark limest. 153; white limestone 163.
R.P. Con I " 34	P.H. Murphy	S.H. Mulligan	Jul. 1, 1953	5		28	24	"	"	Previously drilled 78; hard limest. 95; soft limest. 145; hard sandstone 170; soft sandstone 180.
R.P. Con I " 34	J. Hollington	W.M.E. Sparks	Jul. 8, 1953	5	5	100	35	"	"	Loam 3; limestone 204.
R.P. Con I " 34	W. Lancaster	B. Phillips	Aug. 4, 1953	4	7 1/2	50	47	"	"	Previously drilled 104; limestone 199.
R.P. Con I " 34	J.D. Rogers	P.A. McLean & Son	Oct. 1, 1953	4	6	35	23	"	"	Hardpan 3; limestone 50; sandstone black shale 97.
R.P. Con I " 34	J. Hollington	W.M.E. Sparks	Oct. 5, 1953	5	5	80	35	"	"	Loam 4; limestone 178.
R.P. Con I " 34	J. Dennis	M. Neagher	Dec. 22, 1953	4	6	85	50	"	"	Clay 26; gravel 30; limestone 85.
R.P. Con I " 34	J. Hollington	P. Sparks	Jan. 28, 1954	5	6	85	50	"	"	Clay 3; limestone 194.
R.P. Con I " 34	B. Reaume	P.A. McLean & Son	May 15, 1954	5	8	35	15	"	"	Clay stones 5; limest. 55; black shale 95; limest. 145.
R.P. Con I " 34	O.M. Taylor	B. Phillips	Oct. 15, 1954	4	5	20	15	"	"	Sandy loam 3; limestone 102.
R.P. Con I " 35	L. Prudhomme	M. Neagher	Jan. 31, 1955	4	3	15	20	"	"	Blue clay 10; blue limestone 66.
R.P. Con I " 35	L. Armstrong	S.H. Mulligan	Feb. 21, 1955	4		20	16	"	"	Clay 8; limestone 72.
R.P. Con I " 35	"	"	Mar. 2, 1955	4		22	18	"	"	Clay 16; hard limest. 46; soft limest. 75; hard limest. 105; soft black limest. shale 115; very soft limestone 144.
R.P. Con I " 35	D. Ryan	Valley Drilling	Apr. 21, 1955	4	5	20	11	"	"	Clay 15; hard limest. 53; soft limest. 95; hard limest. sandst. 105; very soft limestone 151.
R.P. Con I " 35	O. Reams	S.H. Mulligan	May 11, 1955	4		15	9	"	"	Clay 16; hard blue limestone 58; soft blue limestone 164.
R.P. Con I " 35	W. Spirak	C.V. Morrison	Jun. 10, 1955	6	10	20	16	"	"	Clay 16; hard limest. 45; soft limest. 60; hard limest. 80; soft limestone 100.
R.P. Con I " 35	Daoust Constr. Reg'd.	B. Phillips	Jun. 20, 1955	6	8	22	18	"	"	Clay 18; limestone 70.
R.P. Con I " 35	L. Armstrong	S.H. Mulligan	Jun. 23, 1955	4		18	14	"	"	Clay 6; limest. 160; white limestone 175; broken limest. 180; white limestone 200.
R.P. Con I " 35	G. Monck	B. Phillips	Jul. 2, 1955	4	7 1/2	40	30	"	"	Clay 16; hard limest. 57; soft limest. 92; hard limest. 110; soft limestone 126.
R.P. Con I " 35	L. Armstrong	S.H. Mulligan	Jul. 11, 1955	4		17	12	"	"	Clay 6; limestone 160.
R.P. Con I " 35	"	"	Jul. 18, 1955	4		10	9	"	"	Clay 16; hard limest. 55; soft limest. 90; hard limest. 115; soft limestone 138.
R.P. Con I " 35	"	"	Jul. 28, 1955	4		11	9	"	"	Clay 15; hard limest. 38; soft limest. 65; hard limest. 98; soft limestone 135.
R.P. Con I " 35	"	"	Aug. 25, 1955	4		17	14	"	"	Clay 15; hard limest. 43; soft limest. 70; hard limest. 94; soft limestone 145.
R.P. Con I " 35	"	"	Sep. 22, 1955	4		18	14	"	"	Clay 15; hard limest. 43; soft limest. 76; hard limest. 92; soft limestone with shale 154.
R.P. Con I " 35	J.P. Chenier	W.M.E. Sparks	Oct. 1, 1955	5		16	13	"	"	Clay 15; hard limest. 42; soft limest. 80; hard limest. 115; soft limest. with black shale 160.
R.P. Con I " 35	L. Armstrong	S.H. Mulligan	Oct. 2, 1955	5	5	21	16	"	"	Previously drilled 99; limestone 160.
R.P. Con I " 35	"	"	Oct. 8, 1955	4		20	16	"	"	Clay 16; hard limest. 45; soft limest. 95; hard limest. 110; soft limestone with shale 155.
R.P. Con I " 35	R. Dennis	M. Neagher	Oct. 10, 1955	4	10	12	12	"	"	Clay 7; black shale limestone 130.
R.P. Con I " 35	L. Armstrong	S.H. Mulligan	Oct. 19, 1955	4	10	17	13	"	"	Clay 15; hard limestone 43; soft limest. 64; hard rock 72; soft limest. 106; black limest. shale 126; soft limest. sandstone 155.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont.										
Nepean Twp. cont.										
R.P. Con VI lot 23	R. Rooney	B.E. Sparks	Jan. 1, 1954	5	8	85	45	Fresh	D	Clay 16; limestone 124.
R.P. Con VI lot 27	R. Whalen	P.P. Sparks	May 3, 1954	4	1 1/2	35	25	"	D	Gravel 10; shale rock 20; limestone 96.
R.P. Con VI lot 29	R.P. Monahan	"	Aug. 2, 1954	4	4	25	20	"	D, S	Shale rock 20; grey limestone 100.
North Gower Twp.										
R.P. lot 1	M.W. Beach	G.S. Mulligan	Jan. 23, 1953	4	1	28	21	Fresh	D	Clay 23; gravel 33; hard limestone 69.
R.P. lot 1	W. Vaughan	"	Feb. 3, 1953	4	2	23	19 1/2	"	D	Clay 22; gravel 36; rock 68.
R.P. lot 1	St. James	"	Mar. 4, 1953	4	2	23	19 1/2	"	D	Clay 22; gravel boulder 27; limestone 76.
R.P. lot 1	Aug. Landchurch	B. Phillips	Feb. 20, 1954	5	6	15	15	"	D	Clay 30; limestone 83.
R.P. lot 1	R.G. Jaidlaw	M. Meagher	Nov. 10, 1954	4	4 1/2	30	24	"	D	Boulder clay 40; limestone 87.
R.P. lot 1	H. Cameron	"	Dec. 1, 1954	4	1	43	37	"	D	Clay 6; hard loam 20; limestone 66.
R.P. lot 1	J. Gibson	J. Kettles	Dec. 4, 1954	4	1	43	37	"	D	Earth 2; boulders hardpan 27; gravel 29; hardpan 55; grey limestone 90.
R.P. lot 1	L. McCullough	K. Meagher	Jul. 29, 1953	5	10	20	20	"	D	Boulder clay 30; limestone 75.
R.P. lot 1	C. Cathcart	"	Mar. 20, 1954	4	10	20	20	"	D	Loose soil 10; clay 28; limestone 70.
R.P. lot 1	O. Crawford	"	Apr. 8, 1954	4	5	48	38	"	D	Stony ground 30; hard grey limestone 93.
R.P. lot 1	P. Presch	J. Kettles	Apr. 8, 1954	4	5	48	38	"	D	Hardpan boulders 51; hard black and white limestone 91.
R.P. lot 1	C. Crawford	"	Nov. 2, 1954	4	5	48	38	"	D	Clay 37; gravel 39.
R.P. lot 1	G.O. Connor	B.E. Sparks	Oct. 20, 1954	6	5	5	5	"	D	Sand boulders 25; sand 44; grey limestone 97.
R.P. lot 1	M. Hick	J.B. Dufresne	Nov. 22, 1954	3	7	35	28	"	D	Clay 13; gravel hardheads 30; grey limestone 67.
R.P. lot 1	S. Herwick	G.S. Mulligan	Nov. 16, 1953	4	2	16	16	"	D	Blue and red clay 32; hard black limestone 69.
R.P. lot 1	T. Hayes	"	Apr. 8, 1953	4	1	19	16	"	D, S	Till large boulders 30; till 43; limestone 102.
R.P. lot 1	W.E. Scott	R.H. Casselman	Jul. 4, 1953	5	13	35	35	"	D	Blue clay 6; hardpan boulders 25; gravel 26.
R.P. lot 1	M. Meagher	"	Jun. 4, 1953	4	2 1/2	5	5	"	D	Gravel sand boulders 70; gravel 71.
R.P. lot 1	J.B. Dufresne	"	Sep. 4, 1953	3	8	25	20	"	D	Sand 16; boulders 23; gravel hardpan 31; limestone 86.
R.P. lot 1	B. Cameron	J.B. Dufresne	Feb. 24, 1953	4	2 1/2	9	9	"	D	Boulders gravel 53.
R.P. lot 1	G.S. Mulligan	"	Sep. 20, 1954	3	20	35	23	"	D	Sand 30; gravel 38; boulders gravel 41.
R.P. lot 1	J.B. Dufresne	"	Sep. 21, 1954	3	20	35	24	"	D	Boulders sand 60; boulders gravel 62.
R.P. lot 1	H. Pennell	"	Sep. 22, 1954	3	20	35	24	"	D	Gravel boulders 59; limestone 205.
R.P. lot 1	K. Dyd	"	May 3, 1954	4	4	50	35	"	D	Clay 25; limestone 43.
R.P. lot 1	L.W. Seabrooke	"	Dec. 6, 1954	2	25	10	4	"	D	Hardpan boulders 47; hard limestone 93.
R.P. lot 1	A. Wilson	I. Simzer & Sons	Jun. 11, 1954	5	8	16	14	"	D	Boulder clay 29; clay 40; limestone 75.
R.P. lot 1	Ont. Dep. Highw.	K. Meagher	Jun. 6, 1954	5	7	16	5	"	P	Boulder clay 29; clay 40; limestone 75.
Osgoode Twp.										
R.P. lot 23	M. Bryon	M. Meagher	Jun. 24, 1953	5	4	11	11	Fresh	D	Sand loam 4; hardpan 45; gravel 46.
R.P. lot 23	W. Cowan	J.B. Dufresne	Jul. 17, 1954	5	10	25	10	"	D	Old well 40; limestone 81.
R.P. lot 23	R. Graham	B. Phillips	Jun. 14, 1954	5	13	34	6	"	D	Sandy clay 50; gravel 51.
R.P. lot 26	M. Bouris	R.H. Casselman	May 11, 1953	4	16	30	30	"	S	Boulder till 4; sand 10; clay 40; running sand 60; limestone 136.
R.P. lot 26	R.E. Dennison	G.S. Mulligan	May 5, 1953	4	1	32	14	"	D	Sand boulders clay 32; hard grey limestone 115.
R.P. lot 26	School S.S. #1	J.B. Dufresne	Jul. 14, 1954	3	5	30	15	"	P	Gravel boulders 44; limestone 103.
R.P. lot 26	A. Davidson	M. Meagher	Mar. 15, 1954	4	8	2	2	"	D	Boulders clay 30; gravel 40; limestone 88.
R.P. lot 26	M.I. Bushon	"	Jun. 8, 1953	4	2 1/2	9	4	"	D	Sandy loam 12; blue clay 50; hardpan 63; gravel 64; limestone 88.
R.P. lot 26	L.A. Ravell	"	Jun. 15, 1953	5	2 1/2	9	8	"	D	Shale 69.
R.P. lot 26	School SS #22	I. Simzer & Sons	Jun. 20, 1953	5	2 1/2	15	4	"	D	Blue clay 6; hardpan boulders 34; gravel 35; limestone 40.
R.P. lot 26	School SS #22	"	Dec. 21, 1953	5	7 1/2	15	18	"	D	Sand loam 6; hardpan 43; gravel 44; limestone 74.
R.P. lot 26	E. Taylor	"	Dec. 21, 1953	5	65	18	18	"	D, S	Hardpan boulders 50; hard limestone 200.
R.P. lot 26	School SS #6	"	Feb. 9, 1954	5	33	16	14	"	P	Dug well 26; sand 46; hard rock 86.
R.P. lot 26	H.M. Tomkin	J.B. Dufresne	Dec. 2, 1953	5	30	25	19	"	P	Sand 64; hard limestone 88.
R.P. lot 26	Sep. School #2	"	Mar. 8, 1953	3	8	27	15	"	P	Clay 15; gravel sand 39; limestone 95.
R.P. lot 26	J.O. Patterson	T.H. Adams	Sep. 1, 1953	3	8	27	15	Sulphur	P	Boulders 18; limestone 82.
R.P. lot 26	J.O. Patterson	"	Sep. 1, 1953	3	8	27	15	"	P	Clay gravel 54; loose limestone 114.

CARLETON COUNTY-cont.

Osgoode Twp. cont.	Con IV.	M. McDiarmid	R. H. Casselman	Feb. 20, 1954	5	17	13	9	Fresh	D, S	D, S
Con V	1	S. Margovitch	F. A. McLean & Son	Feb. 2, 1954	5	8	21	20	"	C	Old well 28; harpian 36; dark grey limestone 135; sandstone 130; soft light grey limestone 186.
Con V	8	E. Stanley	M. C. Christy	Jun. 15, 1954	4	12	14	10	"	C	Sand gravel boulders 45.
Con V	"	P. Moss	R. H. Casselman	Jan. 19, 1954	5	17	50	10	"	S	Gravel 30.
Con VI	12	C. Morrow	J. B. Dufréne	Jul. 23, 1953	2	8	20	10	"	D	Topsoil 2; till 20; gravel 23; hard dark limestone 60; med. hard dark limestone 180.
Con VI	17	R. Scrivens	Valley Drilling	Apr. 23, 1954	5	17	30	10	"	D	Boulders clay 9; limestone 43.
Con VI	25	C. A. Johnston	R. H. Casselman	Sep. 26, 1953	5	17	30	15	"	D, S	Old well 20; silt 22; hard grey limestone 40; soft light-grey limestone 175.
Con VI	30	H. Glenn	I. Simzer & Son	Oct. 29, 1953	5	8	20	14	"	D	155; hard dark-grey limestone 66.
Con VI	39	G. Acres	W. M. E. Sparks	May 13, 1953	2	5	16	Plows	"	D	Limestone 42 1/2.
Con VI	39	A. Wyatt	I. Simzer & Sons	Oct. 9, 1953	4	7	18	16	"	D	Ground 1; hard limestone 86.
Con VI	39	C. Wilkes	W. C. Christy	Oct. 24, 1953	4	5	16	4	"	D	Harpian 8; hard limestone 54.
Con VI	43	W. Duncan	W. C. Christy	Sep. 3, 1954	4	5	19	12	"	D	Black loam 12; grey limestone 45.
Con VI	43	G. Acres	W. M. E. Sparks	May 20, 1953	5	5	42	6	slightly	D	Harpian grey clay 46; limestone 56.
Con VII	11	T. Stanley	B. E. Sparks	Dec. 3, 1953	5	33	15	10	Sulphur	D, S	Clay; harpian 43; limestone 155.
Con VII	11	T. Stanley	I. Simzer & Son	Sep. 23, 1954	5	17	28	22	Fresh	D	Harpian 10; hard limestone 66.
Con VII	18	M. Jeacle	R. H. Casselman	Nov. 25, 1953	5	17	18	9	"	D, S	Old well 25; coarse gravel 28; hard light-grey limestone 133.
Con VII	28	C. Wallace	R. H. Casselman	Dec. 19, 1953	5	17	18	9	"	D, S	Topsoil 2; till 11; coarse gravel 37; hard light-grey limestone 50; soft light-grey limestone 92.
Con VII	39	E. Duncan	W. C. Christy	Aug. 20, 1954	4	2 1/2	14	6	"	D	Grey limestone 44.
Con VII	42	H. M. Lee	I. Simzer & Sons	Sep. 13, 1954	4	2 1/2	17	10	"	D	Gravel boulders 38; grey limestone 43.
Con VII	42	S. N. Boyd	I. Simzer & Sons	Apr. 15, 1954	5	5	20	16	"	D	Gravel 54; rock 59.
Con VII	44	P. Crowder	R. H. Casselman	Aug. 2, 1953	5	17	15	2	"	C	Topsoil 3; gravel 7; till 29; fine gravel 30.
Con VIII	"	E. Stanley	R. H. Casselman	Feb. 11, 1953	2	17	18	8	"	P	Harpian 5; hard limestone 48.
Con VIII	22	High School	R. H. Casselman	Aug. 17, 1953	4	18	18	10	Salt	D	Topsoil 1; till 5; sandstone 74 1/2.
Con IX	6	L. Lancy	T. H. Adams	Nov. 30, 1953	4	2	15	10	Fresh	S	Blue clay 65; red shale 98.
Con IX	25	E. R. Peapet	A. Gauthier	Jun. 20, 1953	4	3	22	13	"	C, D	Grey harpian 30; gravel 32.
Con IX	26	G. Bowman	"	Nov. 23, 1954	4	5	20	16	"	D	Grey clay harpian 50; gravel 55.
Con IX	30	C. McPherson	"	Jun. 30, 1953	4	5	18	10	"	D	Harpian boulders 47; gravel 48.
Con X	25	L. Louisbreck	I. Simzer & Sons	Nov. 6, 1953	5	20	16	12	"	D	Harpian 30; gravel 33.
Con X	28	G. Wynne	"	Oct. 28, 1954	6	7	14	9	"	D	Harpian boulders 46; hard limestone 50.
Con X	30	W. Hill	A. Gauthier	Nov. 23, 1954	5	15	28	20	"	D	Harpian boulders 25; sand boulders 56; grey limestone 89.
Con XI	44	A. St. Pierre	R. H. Casselman	Sep. 21, 1954	5	14	12	10	"	D	Topsoil 1; harpian 12; hard limestone 42.
L. I.	"	G. P. Maclean	M. Meagher	Jul. 8, 1953	5	15	28	20	"	D	Blue clay 12; harpian 28; gravel 29 1/2; limestone 86.
L. I.	"	K. Lindsay	"	Jun. 16, 1954	4	15	12	18	"	D	Boulder clay 32; gravel 36; limestone 78.
L. I.	"	H. Watson	"	Jun. 30, 1954	4	15	18	20	"	D	Boulder clay 30; gravel 34; limestone 70.
OTTAWA:											
Aaron Ave.		J. P. Chenier	K. Sparks	Mar. 20, 1953	5	3	15	14	Fresh	D	Sand fill 3; till 16; grey limestone 121.
Aaron Ave.		"	W. M. P. Sparks	Mar. 25, 1953	5	5	12	6	"	D	Loam 3; limestone 80.
Aaron Ave.		"	"	Apr. 16, 1953	5	5	25	10	"	D	Loam 3; limestone 117.
Aaron Ave.		"	"	May 8, 1953	5	5	25	12	"	D	Loam 6; limestone 123.
Aaron Ave.		"	"	May 22, 1953	5	5	35	17	"	D	Loam 4; limestone 131.
Aaron Ave.		"	"	May 30, 1953	5	5	30	18	"	D	Loam 3; limestone 116.
Aaron Ave.		"	"	Jun. 8, 1953	5	5	30	8	"	D	Loam 3; limestone 130.
Aaron Ave.		"	"	Jun. 23, 1953	5	5	35	10	"	D	Loam 4; limestone 130.
Achbar Ave.		B. E. Sparks	"	Feb. 11, 1953	5	5	35	18	"	D	Loam 3; limestone 135.
Achbar Ave.		W. M. E. Sparks	"	Feb. 12, 1953	5	5	25	20	"	D	Fill 4; limestone 134.
Achbar Ave.		G. S. Mulligan	"	Feb. 20, 1953	5	5	60	22	"	D	Loam 4; limestone 150.
Albion Rd.		F. H. Adams	"	Oct. 7, 1953	4	15	6	4	"	D	Sand loose small 15; hard grey rock 75.
Albion Rd.		J. B. Dufréne	"	Nov. 6, 1954	3	16	20	Plows	"	?	Sandy clay small pebbles 10; clay gravel 34; soft limestone 112.
Albion Rd.		"	"	"	3	16	20	Plows	Sulphur	D	Play 50; sand 84.

1.1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATUS LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON ACQUITY-cont Ottawa, cont. Albion Rd.	C.P.R.	T.H. Adams	Nov. 15, 1954	4	8	6	3	Sulphur	P	Grey clay 4; blue clay 33; fine sand 44; black shale 105; grey shale 130; grey limestone 138.
Albion Rd.	J.B. Dufresne	J.B. Dufresne	Nov. 16, 1954	3	5	47	Flows	Fresh	D	Clay 80; limestone 83.
Alpine Ave.	E.O. Switzer	P.A. McLean & Son	Mar. 14, 1953	4	6	45	45	"	D	Sand 3; blue clay 38; hardpan 49; limestone 111.
Alpine Ave.	M.B. Gland	"	Aug. 14, 1953	4	32	45	32	"	D	Clay 18; hardpan 42; limestone 110.
Alpine Ave.	E.O. Switzer	"	Jun. 24, 1954	4	10	48	40	"	D	Clay 25; sand gravel 30; soft grey limestone 104.
Alpine Ave.	"	"	Oct. 22, 1954	4	7 1/2	60	40	"	D	Clay 20; boulders 25; hardpan 32; blue limestone 105.
Armstrong Ave.	J.J. Servin	B.E. Sparks	Nov. 9, 1953	5	7	16	14	"	D	Clay 10; gravel 38; limestone 95.
Balharrie Ave.	C.M. Buchanan	T.H. Adams	Dec. 20, 1954	4	8	26	12	"	D	Dark sandy soil 4; blue clay 28; fine black sand 32; black shale 65; grey shale 107.
Bank St.	J. Balderson	S.H. Mulligan	Apr. 16, 1953	4	8	"	Plows	"	D	Brown clay 2; black sandy shale w/ grey limestone layers 135.
Bank St.	P. Zepnig	J.B. Dufresne	Jan. 15, 1953	3	8	10	3	Sulphur	D	Clay 83; soft limestone 90.
Bank St.	M. Bonnice	"	Jan. 20, 1953	3	4	3	15	"	D	Clay 40; sandy clay 87.
Bank St.	G.S. Mulligan	"	Feb. 26, 1953	3	6	20	15	"	C	Black clay 20; shale 153.
Bank St.	D. Lemoine	J.B. Dufresne	Sep. 29, 1953	3	10	"	Flows	"	D	Blue clay 60; sand 85; gravel 98.
Base Line Rd.	R.J. McGuire	P.A. McLean & Son	Sep. 23, 1954	4	4 1/2	50	14	Fresh	D	Clay 60; gravel 76.
Base Line Rd.	Baptist Church	"	Feb. 13, 1953	6	5	35	35	"	P	Till liolose shale 5; solid rock 162.
Base Line Rd.	L.D. Vamou	G.S. Mulligan	Mar. 13, 1953	4	3	40	30	"	D	Sand gravel 10; grey limestone 225.
Base Line Rd.	W. Spiraac	S.H. Mulligan	Apr. 18, 1953	4	10	20	15	"	D	Grey loam 33; hard limestone 113; shaly limestone 129.
Base Line Rd.	J.S. Bullis	C.V. Morrison	Apr. 15, 1953	6	10	20	26	"	D	Clay 18; limestone 70.
Base Line Rd.	H.W. Myers	G.S. Mulligan	Jun. 16, 1953	5	5	32	32	"	D	Sand boulders 38; white limestone 146.
Base Line Rd.	B. Myers	W.J. King	Apr. 29, 1954	4	5	35	32	"	D	Grey clay 4; red sand 32; hard limestone 102.
Base Line Rd.	"	M. Meagher	Oct. 14, 1954	4	10	26	34	"	D	Sand 24; limestone 122.
Base Line Rd.	"	"	Oct. 21, 1954	4	10	26	34	"	D	Topsoil 7; sand 34; limestone 117.
Carling Ave.	J.P. Chenier	P.A. McLean & Son	Mar. 24, 1954	8	10	26	34	"	D	Dry sand 50; gravel 90; running sand 110; hardpan 133; limestone 275.
Carling Ave.	"	K. Sparks	Mar. 10, 1953	4 1/2	3	15	3	"	D	Hardpan 12; limestone 136.
Carling Ave.	C.E. Brownell	P.A. McLean & Son	Mar. 11, 1953	5	2	15	3	"	D	Loam sand 20; limestone 112.
Carling Ave.	Quesnel-Bowling	M. Meagher	Apr. 16, 1953	4	3 1/2	12	12	"	C, D	Sandy loam boulders 7; shale 14; blue limestone 66.
Carson's Rd.	W. Andrews	"	Nov. 1, 1954	4	8	53	40	"	D	Limestone 117.
Carson's Rd.	J. McMillens	P.A. Adams	Jun. 15, 1953	4	8	53	40	"	D	Clay loam 6; blue clay 20; grey shale 75.
Cedarlane Terrace	Johansen & Sons	"	Jun. 27, 1953	4	8	53	40	"	D	Back fill 4; black limestone 76.
Chenier Ave.	J.P. Chenier	P.A. McLean & Son	Oct. 26, 1954	5	10	12	8	"	D	Clay loam 6; limestone 140.
Chenier Ave.	"	W.M.E. Sparks	Jan. 2, 1953	5	5	50	10	"	D	Loam 8; limestone 119.
Chenier Ave.	"	B.E. Sparks	Jan. 16, 1953	5	5	50	20	"	D	Fill 6; limestone 135.
Chenier Ave.	"	"	Jan. 20, 1953	5	5	29	22	"	D	Fill 6; limestone 130.
Chenier Ave.	"	"	Jan. 31, 1953	5	5	29	19	"	D	Loam 6; limestone 128.
Chenier Ave.	"	W.M.E. Sparks	Feb. 5, 1953	5	5	25	22	"	D	Loam 8; limestone 149.
Chenier Ave.	"	B.E. Sparks	Mar. 3, 1953	5	5	25	22	"	D	Sand fill clay 10; limestone 130.
Chenier Ave.	"	"	Mar. 12, 1953	5	5	25	12	"	D	Clay 16; limestone 131.
Chenier Ave.	"	"	Apr. 1, 1953	5	3	22	18	"	D	Fill 6; limestone 125.
Chenier Ave.	"	"	Apr. 13, 1953	5	3	22	14	"	D	Sand fill clay 6; limestone 183.
Chenier Ave.	"	"	Apr. 29, 1953	5	5	60	30	"	D	Previously drilled 125; limestone 205.
Chenier Ave.	"	W.M.E. Sparks	Sep. 15, 1953	5	5	60	45	"	D	Previously drilled 129; limestone 215.
Chenier Ave.	"	"	Oct. 24, 1953	5	5	80	25	"	D	Previously drilled 128; limestone 214.
Chenier Ave.	"	"	Nov. 16, 1953	5	5	80	25	"	D	Previously drilled 128; limestone 214.
Churchill Ave.	Patterson-Alex- ander Ltd.	J.B. Dufresne	Apr. 26, 1954	2	7	25	6	"	D	Clay 20; limestone 68.
Clyde Ave.	Clark's Dairy	W.M.E. Sparks	Oct. 26, 1954	5	7	125	6	"	In	Loam 6; limestone 251.
Coldrey St.	G. Sheridan	B. Phillips	Aug. 5, 1954	5	6	12	10	"	D	Clay 30; limestone 47.
Compton Ave.	L.D. Amour	B.E. Sparks	Jul. 1, 1953	5	5	65	30	"	D	Fill 4; limestone 100.
Compton Ave.	"	S.H. Mulligan	Mar. 2, 1954	4	3	36	32	"	D	Clay 3; hard limestone 68; soft limestone shale 87; soft limestone 120; hard sandstone 139.

[illegible]

1 2 Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-Cont										
Ottawa Jct.	N. Fisher	M. Meagher	May 22, 1953	4	2 1/2	5	3	Fresh	D	Earth 1; black shale 18; sandstone 46.
Hove St.	W. Sweeney	P.A. McLean & Son	Aug. 4, 1953	4	17	17	15	"	D	Clay 34; marl 41; limestone 110.
Ivanhoe Ave.	E.V. Ryan	J.B. Dufresne	Oct. 4, 1954	2	3	30	7	"	D	Limestone 72.
Jackson St.	H.A. Parker	P.A. McLean & Son	Sep. 23, 1953	4	7	4	2	"	D	Clay stones 3; sand 5; black shale 10; limestone 25; sandstone 57.
Keoke St.	R. Dennis	M. Meagher	Sep. 29, 1954	4	3	10	15	"	D	Clay loam 14; gravel 22; limestone 105.
Kerr Ave.	B. Iwanow	G.S. Mulligan	Nov. 16, 1954	4	10	12	12	"	D	Topsoil 8; clay 23; sand 25; limestone 105.
Killeen Ave.	B. Thompson	B. Phillips	Nov. 23, 1953	6	5	15	15	"	D	Gravel 10; white limestone 172.
Killeen Ave.	J. Mobley	W. Moloughney	Jun. 21, 1954	5	7 1/2	22	17	"	D	Gravel 10; white limestone 172.
Killeen Ave.	B. Iwanow	G.S. Mulligan	Nov. 16, 1954	4	3	10	15	"	D	Gravel 10; white limestone 172.
Killeen Ave.	B. Phillips	B. Phillips	Jul. 16, 1954	4	6	22	10	"	D	Clay 6; limestone 100.
Kingson Ave.	A.P. Pettin	B. Phillips	Sep. 25, 1954	4	5	37	26	"	D	Clay 1; limestone 141.
Kingson Ave.	K.M. Morgan	B.E. Sparks	Sep. 25, 1954	4	5	65	26	"	D	Clay sandy loam 14; limestone 145.
Kitchener Ave.	J. Campbell	B. Phillips	Sep. 23, 1954	4	120	120	35	Sulphur	D	Clay sand 2; brown limestone 305; gas encountered.
Lantz Rd.	J. Lubbes	J.B. Dufresne	Nov. 18, 1954	2	10	25	35	Fresh	D	Sand 17; limestone 55.
Laperriere Ave.	Patterson/Alex- ander Const.	"	Nov. 24, 1954	2	7	25	10	"	C	Clay 17; limestone 60.
Lawn Ave.	J. Walsh	G.S. Mulligan	Aug. 20, 1953	4	1	20	15	"	D	Sand loose stones 15; hard grey rock 105.
Lenester Ave.	J.P. Oenier	W.M.E. Sparks	Apr. 23, 1953	5	5	25	10	"	D	Loam rocks 3; limestone 112.
Lenester Ave.	"	B.E. Sparks	May 22, 1953	5	2	30	20	"	D	Sand fill 5; limestone 141.
Lenester Ave.	W. Franklin	P.A. McLean & Son	Jun. 16, 1953	5	7 1/2	33	28	"	D	Hard brownist-grey limestone 85; brown slate 98.
Lenester Ave.	J. Mobley	B.E. Sparks	Aug. 10, 1954	5	5	50	15	"	D	Clay 4; limestone 50; iron-bearing rock 52; limestone 125.
Maplecrest Ave.	L. Sipolins	W.M.E. Sparks	Sep. 11, 1954	5	5	25	15	"	D	Loam 2; limestone 123.
Maplecrest Ave.	W. Chain	B. Phillips	May 1, 1954	5	6	16	12	"	D	Clay 10; limestone 102.
Maplecrest Ave.	J.F. Chenier	B.E. Sparks	May 10, 1954	4	5	35	30	"	D	Earth 3; limestone 138.
Maplecrest Ave.	Greenburg Const.	P.A. McLean & Son	Nov. 7, 1953	4	7	27	22	"	D	Sand boulders 25; sand gravel 33; blue limestone 60.
Marilyn Ave.	"	"	Nov. 14, 1953	4	7	32	24	"	D	Sand 38; blue limestone 70.
Marilyn Ave.	"	"	Nov. 18, 1953	4	7	40	30	"	D	Sand boulders 42; blue limestone 65; blue shale limestone 75.
Marilyn Ave.	"	"	Nov. 23, 1953	4	7	36	25	"	D	Fill sand 34; sand gravel 40; blue limestone 103.
Marilyn Ave.	"	"	Nov. 26, 1953	4	7	40	30	"	D	Sand 30; sand boulders 35; blue limestone 79.
Marilyn Ave.	"	"	Dec. 11, 1953	4	7	24	20	"	D	Sand 20; sand boulders 28; sand gravel 31; blue limestone 84.
Marilyn Ave.	"	"	Dec. 15, 1953	4	7	23	21	"	D	Sand boulders 30; sand gravel 33; blue limestone 148.
Marilyn Ave.	T.H.C. Lowe	"	Mar. 12, 1954	5	7	49	23	"	In	Sandy loam few large boulders 30; sand gravel 35; grey limestone 80; black shale 135.
McCarthy Rd.	E.N. Lafrance	"	Jun. 9, 1954	4	5	60	20	"	D	Sand clay w/small stones 6; grey limestone 50; black shale 100; grey limestone 143.
McCarthy Rd.	C. Ward	Valley Drilling	Dec. 2, 1954	5	5	30	20	"	D	Blue limestone 115.
McEwan Ave.	M. Dodds	B.E. Sparks	Aug. 18, 1954	5	5	30	8	"	D	Clay loam 17; limestone 60.
Meath St.	Sun Oil Co. Ltd	B. Phillips	Feb. 20, 1954	6	10	15	15	"	In	Clay 27; boulders sand 32; limestone 100.
Melfa Cres.	M. Hardy	J.B. Dufresne	Feb. 20, 1954	3	3	20	27	"	D	Clay sand 80; grey limestone 137.
Melfa Cres.	W. Cain	B. Phillips	Nov. 26, 1954	3	8	40	28	"	D	Clay 4; sand 6; gravel boulders 92; grey limestone 134.
Melwood Ave.	H. McNaughton	B. Phillips	Jun. 10, 1954	5	6	20	18	"	D	Clay 4; sand 6; gravel boulders 92; grey limestone 134.
Merivale Rd.	Dominion	"	Jul. 30, 1953	5	5	95	35	"	D	Clay 6; limestone 104.
Merivale Rd.	Experiment. Farm	S.H. Mulligan	Dec. 17, 1954	6	4	28	21	"	S	Limestone 118; limestone w/shale 182; sandstone w/shale 200.
Minaki Ave.	M. Hardy	J.B. Dufresne	Jun. 9, 1953	3	4	25	20	"	D	Blue clay 40; boulder gravel sand 85; limestone 130.
Michael St.	L. Laroque	T.H. Adams	May 12, 1953	4	2	4	4	"	D	Black muck 4; clay 9; rock 25.
Michael St.	D. Laquette	"	Oct. 31, 1953	2	25	21	21	Sulphur	D	Grey clay small pebbles 10; soft shale rock 21; bed rock 100.
Mill St.	Peoples Gas Supp	B. Phillips	Nov. 13, 1953	6	13	60	40	Fresh	In	Clay 4; limestone 140.
Mill St.	"	"	Jan. 15, 1954	6	8	85	42	"	In	Previously drilled 140; limestone 347; dark flintlike limestone with white streaks 365; limestone 452.
Mooney Ave.	W.E. Mooney	P.A. McLean & Son	Feb. 9, 1953	5	10	27 1/2	26 1/2	"	D	Soft blue limestone 65; shale 93.
Mooney Ave.	P.J. Durn	"	May 29, 1954	5	8	30	24	"	D	Sandy loam 2; limestone 182.

Location	Owner	Date	Notes	Depth	Remarks
Ottawa cont.					
Money Ave.	W. Cain	Aug. 9, 1954	B. Phillips	5	Clay 6; limestone 106.
Moore S. View Ave.	J.L. Ray	Sep. 23, 1954	W.J. King	6	Clay 8; limestone 139.
Mountain View Ave.	J.N. Dockrille	Jul. 10, 1954	S.H. Mulligan	5	Top soil; soft limestone 72.
Mountain View Ave.	"	Mar. 20, 1953	"	10	Soft limestone 50; shale 115.
Mountain View Ave.	"	Jun. 8, 1953	"	4	Hard limestone 70; sandy limestone 90; granite mixed w/ limestone 123.
Mountain View Ave.	"	Jun. 16, 1953	"	4	Grey clay 4; shaly limestone in layers 135.
Mountain View Ave.	"	Jul. 5, 1953	"	5	Earth boulders 6; soft limestone 70; sand 85; sandstone 140.
Mountain View Ave.	"	Oct. 20, 1953	"	4	Well deepened Aug. 1, 1953; no change in static level.
Mountain View Ave.	"	Oct. 28, 1953	"	4	Earth 10; limestone 40; stone shale 70; limestone 80; sandstone shale 120.
Mountain View Ave.	"	Nov. 10, 1953	"	4	Earth 8; limestone 30; sandstone 115.
Mountain View Ave.	"	Dec. 5, 1953	"	4	Earth 4; limestone 50; sandstone 115.
Mountain View Ave.	B.G. Fox	Jul. 27, 1953	G.S. Mulligan	4	Sand loose stone 10; fine grey sand w/ little clay 20; hard grey limestone 113.
Orrville Rd.	J. Greenburg	Mar. 21, 1953	M. Neagher	4	Red sand 20; blue clay hardpan 39; hard blue limestone 60.
Otterson Dr.	"	Apr. 6, 1953	Valley Drilling	4	Sand blue clay hardpan 29; hard limestone 31. Abandoned.
Otterson Dr.	"	May 16, 1953	"	4	Brown loam 20; grey running sand 40.
Otterson Dr.	"	Jun. 1, 1953	"	4	Brown loam 20; grey sand gravel 40.
Otterson Dr.	G. Ottersen	Jun. 11, 1953	"	4	Brown loam 15; grey running sand 40; blue limestone 91.
Otterson Dr.	J. Greenburg	Jul. 7, 1953	"	4	Brown loam 20; hardpan running sand 40; blue limestone 100.
Otterson Dr.	"	Jul. 16, 1953	"	4	Brown loam 20; gravel running sand 40; blue limestone 99.
Otterson Dr.	"	Jul. 27, 1953	"	4	Brown loam 20; gravel running sand 40; gravel 43.
Otterson Dr.	"	Aug. 1, 1953	"	5	Brown loam 10; blue clay 35; sand gravel 40; blue limestone 125.
Otterson Dr.	"	Aug. 10, 1953	"	4	Brown loam 10; blue clay 35; sand gravel 40; blue limestone 120.
Otterson Dr.	"	Aug. 14, 1953	"	4	Sand w/ few small stones 28; blue limestone 114.
Otterson Dr.	F.A. McLean & Son	Oct. 8, 1953	"	4	Sandy backfill 5; sandy clay boulders 25; gravel fine sand 28; limestone 80.
Otterson Dr.	"	Oct. 13, 1953	"	4	Sand backfill 6; black sandy clay 25; gravel sand 35; clay fine sand 38; blue limestone 100.
Otterson Dr.	"	Oct. 16, 1953	"	4	Sand boulders 28; sand gravel 42; blue limestone shale 120.
Otterson Dr.	"	Oct. 22, 1953	"	4	Sand boulders 28; blue limestone 71.
Otterson Dr.	"	Oct. 27, 1953	"	4	Sand boulders 30; sand gravel 42; limestone shale 165.
Otterson Dr.	H.F. Terwie	Nov. 5, 1953	"	4	Sand fill 9; black mud sand boulders 27; gravel 35; limestone 73.
Otterson Dr.	J. Laing	Dec. 29, 1953	"	4	Fill 6; clay sand 17; hardpan gravel 26; blue limestone 72.
Otterson Dr.	"	Jan. 5, 1954	"	4	Back fill 6; sand clay 22; gravel sand 27; bluish-black limestone 73.
Otterson Dr.	W. Cain	May 21, 1954	B. Phillips	4	Clay 68; sand boulders 75; gravel 85; limestone 133.
Oval Cres.	C. Lawson	Oct. 13, 1954	S.H. Mulligan	5	Limestone 100.
Penny Dr.	S. Pajak	Jan. 4, 1953	M. Meagher	6	Brown clay 25; sandstone 70; layers of shale limestone 91.
Penny Dr.	B. Meyers	May 25, 1953	"	4	Clay 24; gravel 28; limestone 90.
Pinecrest Rd.	S.A. Arkell	Sep. 9, 1953	F.A. McLean & Son	4	Brown sand 15; hardpan 29; limestone 105; black shale sandstone 115.
Pinecrest Rd.	O. Vien	Nov. 15, 1953	M. Meagher	4	Sand 28; limestone 135.
Poulin Ave.	C. Glazen	Oct. 14, 1954	G.S. Mulligan	4	Sand loose stone 6; hard grey rock 68.
Prescott Hwy.	J. Boucher	Apr. 2, 1953	"	4	Red clay 70; black shale bedrock 129.
Prescott Hwy.	Mulligan Florist	May 6, 1953	P.A. McLean & Son	4	Clay 13; boulder till 60; hardpan 69; limestone 94.
Prescott Hwy.	R. McKillan	Dec. 17, 1953	"	5	Brown sand 5; blue clay 30; blue clay boulders 35.
Priscilla St.	Can. Petrofina	Mar. 28, 1954	B. Phillips	4	Sand 8; boulders 95; hardpan 114; limestone 185.
Priscilla St.	C. Glazen	Oct. 1, 1954	G.S. Mulligan	4	Sand loose stone 10; bedrock 67.
Priscilla St.	"	Mar. 26, 1953	"	4	Shaly rock 13; limestone 75.
Priscilla St.	R.S. Achbar	Sep. 29, 1953	J. Kettles	4	Shaly rock earth 3; soft blue limestone 101.
Revelstoke Dr.	D. Dixon	Mar. 27, 1954	F.A. McLean & Son	4	Back fill 7; blue limestone 8; black shale 130; blue limestone 173.
Revelstoke Dr.	W.L. Gillespie	Jul. 12, 1953	"	4	Back fill 7; clay boulders 12; blue limestone 90; soft black limestone 115.
Revelstoke Dr.	M. Sharp	Jan. 15, 1954	"	4	Sand clay gravel boulders 10; blue limestone shale 105.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- LING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont										
Ottawa-cont.										
Revelstoke Dr.	G.Cashman Ltd.	F.A.McLean & Son	Jan.26,1954	4	6	70	13½	Fresh	D	Sand gravel 7;limest.145;black slate 190;sandst.195.
Revelstoke Dr.	Parda Constr.	J.Kettles	Aug. 4,1954	4	1	3	8	"	C	Sand coarse gravelly ground 25;soft sandy rock 25;hard grey limestone 109.
Revelstoke Dr.	J.Maing	F.A.McLean & Son	Oct. 8,1954	5	8	9	5	"	D	Clay stones 12; limestone 81.
Revelstoke Dr.	B.Malluff	"	Oct.30,1954	4	7	60	5	"	D	Sand 4;limest.165;beach shale 180;sandstone 186.
Revelstoke Dr.	R.Carwardine	"	Nov. 6,1954	5	8	7	6	"	D	Clay stones 14; limestone 80.
Revelstoke Dr.	C.Lafrance	"	Nov.10,1954	5	8	8	6	"	D	Sand clay stone 9; limestone 81.
Revelstoke Dr.	S.J.S.Const.	"	Nov.14,1954	5	8	13	9	"	D	Sandstone 9; limestone 80.
Revelstoke Dr.	A.Fripp	G.H.Law	Dec.17,1954	5	8	8	5	"	D	Clay stone 7;shaly grey limestone 56.
Revelstoke Dr.	E.Breenetts	S.H.Mulligan	Apr.14,1954	4	4	7	4	"	D	Clay 3;hard limest.29;soft limest.shale 3;hard limest.93; soft limestone 105.
Rex Ave.	L.D'Amour	"	Jun. 1,1954	4	12	12	9	"	D	Clay 8;limest.52;limest.shale 79;hard limest.89; soft limestone shale 190.
Rex Ave.	J.R.Statham	"	Jul.13,1954	4	5	19	9	"	D	Clay 5;limest.42;limest.shale 70;limest.97;limest.shale 192.
Rex Ave.	W.Hawkins	"	Jul.20,1954	4	1	31	5	"	D	Clay 5;limest.42;limest.shale 73;limest.102;limest.shale 112.
Rex Ave.	L.D'Amour	S.H.Mulligan	Sep.29,1954	4	5	15	10	"	D	Previously drilled 105;limestone shale 155.
Rex Ave.	"	"	Oct. 7,1954	4	4	14	9	"	D	Clay 16;hard limest.68;soft limest.shale 85;hard limest.107; soft limestone shale 165.
Richardson Ave.	E.H.Petry	"	Mar. 8,1954	4	10	17	15	"	D	Clay 4;hard limest.43;soft limest.shale 67;hard limest.93; soft limestone shale 141.
Richardson Ave.	S.Pajak	P.A.McLean & Son	Oct.15,1954	4	10	35	17	"	D	Earth stone 15;soft limestone 65.
Richmond Rd.	K.Dugais	M.Meagher	Jun. 4,1953	4	10	20	20	"	D	Clay loam boulders 10;shale 17;blue limestone 68.
Richmond Rd.	M.G.Weber	"	Jun.29,1953	5	5	5	60	"	D	Brown clay 25;sandst.70;shale limestone 94.
Richmond Rd.	A.Dixie	"	Sep.19,1953	5	7	45	60	"	D	Sand 10;clay 48;gravel 49;limestone 150.
Richmond Rd.	D.Morrow	B.Phillips	Sep.1,1953	5	3	100	50	"	D	Sand 34;clay 48;gravel 54;limestone 152.
Richmond Rd.	Can.Petrolina	"	Sep.13,1954	6	6	45	35	"	D	Overburden 8;limestone 107.
Richmond Rd.	Mulligan Bros.	"	Oct. 6,1954	5	5	5	11	"	C	Sand 3;clay 31;limestone 160.
Ridell St.	A.Ritchie	W.J.King	May 22,1954	4	5	27	10½	"	D	Clay 4; limestone 167.
Ridell St.	L.Mulligan	P.A.McLean & Son	Sep.3,1954	5	10	19	6	"	D	Clay 4; soft limestone 101½.
Ridell St.	"	M.Meagher	Sep.24,1954	4	4	10	6	"	D	Clay 6; blue limestone 93.
Ridell St.	"	"	Oct.26,1954	4	5	35	20	"	D	Clay loam 6; limestone 100.
Ridell St.	"	"	Oct.15,1954	5	5	55	20	"	D	Clay loam 7; limestone 105.
Riverside Dr.	Fed.Dist.Comm.	B.H.Sparks	Feb.23,1953	5	8	25	10	Sulphur	D	Sand 39; limestone 80.
Riverside Dr.	K.Crawford	T.H.Adams	Jun.19,1953	4	10	16	8	Fresh	D	Previously drilled 56;grey shale 165.
Riverside Dr.	K.Dowler	P.A.McLean & Son	Nov.14,1953	2	5	30	20	"	D	Sandy clay boulders 13;black limestone 76.
Riverside Dr.	G.Otterson	J.B.Dufresne	Jan.22,1954	4	7	22	21	"	D	Sand 10; limestone 18.
Riverside Dr.	R.Baillie	P.A.McLean & Son	Feb.15,1954	4	15	15	12	"	D	Sandy loam 6;sand boulders 23;fine sand gravel 28;grey limest.73.
Riverside Dr.	G.Grossman	S.H.Mulligan	Feb.21,1954	4	8	56	56	"	D	Sandy loam 6;sand boulders 27; blue limestone 87.
Rob Roy Ave.	R.Grant	T.A.McLean & Son	Jul.21,1954	4	10	27	26	"	D	Sandy boulders 27; blue limestone 100.
Rob Roy Ave.	M.Koeb	"	Oct. 6,1954	4	10	51	48	"	D	Earth 10; hard limestone 100.
Rob Roy Ave.	L.Kolligan	"	Dec. 6,1954	4	10	30	30	"	D	Clay 30;sand gravel 34;blue limest.106.
Rockcliffe Rd.	P.P.Gasse	"	Oct.18,1953	4	1	19	60	"	D	Clay 35;sand 38;blue limestone 91.
Roseview Ave.	L.H.Edsell	J.B.Dufresne	Jul.16,1953	2	5	27	21	"	D	Sandy clay 38; blue limestone 120.
Roseview Ave.	Ottawa Valley	W.M.E.Sparks	Oct.15,1953	6	5	30	20	"	D	Sand loose stone 112.
Roseview Ave.	Bidsr."	"	Dec.14,1954	5	5	27	21	"	D	Sand loose stone 7; hard grey rock 68.
Roy Ave.	M.B.Cameron	"	Jul.27,1953	4	1	15	10	"	D	Loam sand 24; limestone 110.
Roy Ave.	P.Dulude	G.S.Mulligan	Aug. 1,1953	4	1	14	10	"	D	Clay sand 29; limestone 109.
Roy Ave.	"	"	"	4	1	15	10	"	D	Sand loose stone 10; soft rock 60.
Roy Ave.	"	"	"	4	1	14	10	"	D	Sand loose stone 20; soft rock 65.

CARLETON COUNTY-cont.

[illegible]

2 Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
CARLETON COUNTY-cont										
Ottawa -cont.										
Woodroffe Ave.	P.G.Kenny	S.H.Mulligan	Jun. 4, 1953	4		17	12	Fresh	D	Clay 21; hard limestone 55; sandstone 115.
Woodroffe Ave.	N.J.Glost	"	Jun. 14, 1953	4		12	8	"	D	Clay 21; hard limestone 65; soft limestone 32; sandstone 125.
Woodroffe Ave.	L.D'Amour	"	Jun. 18, 1953	4	5	15	10	"	D	Earth 6; soft limestone 50; sand 75; shaly sandst. 100; soft white silt 115.
Woodroffe Ave.	"	"	Jun. 25, 1953	4	5	15	10	"	D	Earth 6; soft limestone 50; sand 95.
Woodroffe Ave.	A. Payette	F.A. McLean & Son	Jul. 29, 1953	4 1/2	6	27	12	"	D	Clay boulders 19; limestone 127.
Woodroffe Ave.	P.L.Rankin	"	Dec. 4, 1953	4	5	18	12	"	D	Boulder till 6; limestone 119.
Woodroffe Ave.	J.W.Dockrill	S.H.Mulligan	Jan. 6, 1954	4		18	16	"	D	Clay 6; hard limestone 46; soft limestone 97; hard limestone 111; soft limestone shale 161.
Woodroffe Ave.	L.D'Amour	"	Feb. 2, 1954	4		22	22	"	D	Clay 18; hard limestone 47; soft limestone 103; soft sandstone shale 103; hard sandstone 135; soft sandstone shale 155.
Woodroffe Ave.	"	"	Feb. 19, 1954	4	13	22	22	"	D	Clay 18; hard limestone 41; soft limestone shale 102; hard sandstone 132; soft sandstone 160.
Woodroffe Ave.	"	"	Mar. 17, 1954	4		20	17	"	D	Clay 22; hard limestone 57; soft limestone 105; hard limestone 124; clay shale 139; hard limestone 140; hard sandstone 176.
Woodroffe Ave.	"	"	Apr. 29, 1954	4		30	26	"	D	Clay 29; gravel 31; hard limestone 49; soft limestone shale 53; limestone 110; hard sandstone 139; soft limestone 160.
Woodroffe Ave.	"	"	May 11, 1954	4		20	15	"	D	Clay 21; hard limestone 53; soft limestone shale 109; hard limestone 160.
Woodroffe Ave.	"	"	Jun. 12, 1954	4	5	27	23	"	D	Clay 22; limestone 59; limestone shale 98; sandstone shale 124; soft limestone 161.
Woodroffe Ave.	N.J.Gloss/Sons	"	Jun. 24, 1954	4	5	12	9	"	D	Clay 16; gravel 13; limestone 27; limestone shale 75; shale 98; hard sandstone 135.
Zephyr Ave.	C.Cummings	F.A. McLean & Son	Dec. 11, 1953	4	5	12	8	"	D	Pall hardtan 7; limestone 82.
Zephyr Ave.	A.M.Sacroix	W.M.E.Sparks	Sep. 2, 1954	4	5	35	31	"	D	Loam 1; limestone shale 65.
RICHMOND	L.Brown	F.P.Sparks	Jan. 11, 1953	4	4	10	6	"	D	Blue clay 12; grey limestone 48.
RICHMOND	H.Bassett	"	Jan. 19, 1953	4	4	5		"	D	Blue clay 28; limestone 48.
RICHMOND	B.Wilson	"	Jan. 25, 1953	4	5	6		"	D	Blue clay 15; limestone 40.
RICHMOND	P.Brown	"	Feb. 5, 1953	4	5	10		"	D	Blue clay 30; grey limestone 50.
RICHMOND	J.Resbitt	"	Feb. 18, 1953	4	2 1/2	30	25	"	D	Clay 18; grey limestone 90.
RICHMOND	B.P.McMullen	S.H.Mulligan	Jul. 5, 1953	4		55	3	"	D	Clay loam 3; blue and red clay 36; quicksand and gravel mixed 44; hard limestone 58.
RICHMOND	H.Koffatt	"	Dec. 3, 1953	4	2 1/2	12	8	"	D	Blue clay 30; grey limestone 60.
RICHMOND	H.Dillworth	"	Dec. 11, 1953	4	3	13	10	"	D	Blue clay 38; grey limestone 50.
RICHMOND	G.Brown	"	Dec. 19, 1953	4	3	10	8	"	D	Blue clay 15; grey limestone 16.
RICHMOND	K.Hicks	"	Jun. 5, 1954	4	5	20	15	"	D	Blue clay 30; limestone 50.
RICHMOND	E.Armstrong	"	Jun. 23, 1954	4	5	12	10	"	D	Blue clay 25; gravel 30; limestone 50.
RICHMOND	T.P.Milton	J.B.Dufresne	Jul. 3, 1954	4	4	15	3	"	D	Clay 7; boulders 12; bluish limestone 190.
Torbolton Twp.										
Con I	H.J.Dolan	J.Dolan	Sep. 10, 1954	6	10	13	11	Fresh	D, S	Clay 10; grey limestone 75; white limestone brown slate 118; grey limestone 136.
Con II	C.W.Barbour	W.M.E.Sparks	Apr. 10, 1953	5	5		8	"	D	Clay 20; hardtan 65; limestone 77.
Con II	D.Piedling	J.B.Dufresne	Jun. 1, 1953	2				"	D	Limestone 60.
Con II	C.W.Barber	B.E.Sparks	Jul. 29, 1953	4	5	20		"	D	Limestone 280; sandstone 302.
Con III	D.Muldoon	K.Sparks	Jul. 26, 1953	10	2 1/2	30		"	D	Brown hard clay 25; blue clay 63; gravel 64.
Con III	T.Dolan	J.Dolan	Sep. 10, 1954	6	10	12	12	"	D	Brown clay 24; white limestone 94.
Con IV	L.G.Fertt	E.Philips	Mar. 26, 1954	5	6	17	15	"	S	Clay 60; fine sand 84; sandstone 98.
Con VI	G.Kennedy	K.Sparks	Apr. 4, 1953	4	3	16	10	"	D	Till 8; red limestone 42; grey limestone 143.
Con VI	A.Baskins	"	Jul. 10, 1953	4	3	14	10	"	D	Sand 13; limestone 48.
Con VI	W.Roberts	J.Dolan	Sep. 30, 1954	4	8	10	10	"	D	Grey limestone 102.

COCHRANE DISTRICT.

Seatty Twp. Con I Con II Con II	R. Rhodes School " 10 " 13 B.O'Connor	lot 11 " 10 " 13	Aug. 24, 1953 Aug. 24, 1953 Aug. 24, 1953	4 1 1/2 1 1/2	25 2 1/2	10 2 1/2	30 Flows " 26 " 26	Fresh " "	D,S P D,S	Blue clay 69; quicksand 68; hard limest. 71; water bearing gravel 75. Grey clay 75; gravel 79. Clay 52; gravel 60. Yellow clay 6; dark clay sand boulders 26; yellow sand 55; sand w/ small gravel boulders 63. Abandoned. Yellow clay 6; dark clay sand boulders 26; yellow sand 55; blue sand small gravel 58. Abandoned. Clay 12; hardpan 18; quicksand 35.
Blount Twp. Con I Con I	School SS #1 " "	lot 28 " 28	Jul. 15, 1953 Aug. 18, 1953	4 4	3 3	26 26	26 26	" "	D,S D,S	Blue clay 79; sand gravel clay boulders 92; fine and medium sand mixed 101; hard green rock. Dry hole. Blue clay 75; fine sand coarse gravel 76; hard rock. Dry hole. Blue clay 75; large boulders hard clay 92; fine grey sand 95; medium gravel 98. Blue clay 50; brown and yellowish clay 75; brown sand 100; Blue quicksand 115; fine gravel sand 120; fine pure gravel 126.
Brower Twp. Con V	G. Crouch	lot 4	Oct. 27, 1954	2	2 1/2	4	2	Fresh	D,S	Blue clay 79; sand gravel clay boulders 92; fine and medium sand mixed 101; hard green rock. Dry hole. Blue clay 75; fine sand coarse gravel 76; hard rock. Dry hole. Blue clay 75; large boulders hard clay 92; fine grey sand 95; medium gravel 98. Blue clay 50; brown and yellowish clay 75; brown sand 100; Blue quicksand 115; fine gravel sand 120; fine pure gravel 126.
Calvert Twp. Con III Con III Con III Con V	E.O. Longstreet " " " M. Lambert	lot 2 " 2 " 2 " 4	Dec. 3, 1953 Dec. 3, 1953 Dec. 18, 1953 Nov. 30, 1953	4 4 6 5	1 1 1 100	95 76 55	1 76 55	Fresh " "	D D D,S D,S	Blue clay 79; sand gravel clay boulders 92; fine and medium sand mixed 101; hard green rock. Dry hole. Blue clay 75; fine sand coarse gravel 76; hard rock. Dry hole. Blue clay 75; large boulders hard clay 92; fine grey sand 95; medium gravel 98. Blue clay 50; brown and yellowish clay 75; brown sand 100; Blue quicksand 115; fine gravel sand 120; fine pure gravel 126.
Casgrain Twp. Con I Con I Con VII Con VII Con VII Con VII	E. Proulx V. Proulx D. Groleau J.B. Cantin J. Cantin P. Cantin V. Germain	lot 25 " 27 " 24 " 24 " 24 " 25	Jun. 10, 1954 Jun. 30, 1954 Jul. 8, 1953 Jul. 9, 1953 Jul. 11, 1953 Aug. 4, 1954	6 6 1 1/2 1 1/2 1 1/2 1 1/2	1 1/2 2 1/2 1 1 1 1/2 1 1/2	22 22 25 3 25 22	12 Flows 3 6 10 1	Fresh " " " "	D,S D,S D,S D,S D,S D,S	Grey clay 10; grey granite 185. Grey clay 40; grey granite 160. Clay sand 14; granite 79. Clay boulders 10; granite 160. Sand boulders 25; granite 66. Sand clay 5; granite hard grey rock 92.
Currie Twp. Con VI	L.P. Cooke	lot 3	Jul. 2, 1953	6	62	12	7	Fresh	S	Blue clay 38; sand 48; hardpan 50; water bearing gravel 53.
Devitt Twp. Con IV Con VII	E. Audette P. Lachande	lot 7 " 26	Sep. 3, 1954 Aug. 2, 1954	2 1 1/2	3 5	30 12	24 0	Fresh "	D S	Clay 30; sand boulders 55; granite 97. Boulders sand 12; granite 48.
Elber Twp. Con III Con III	L. Boucher A. Roussel	lot 23 " 25	Aug. 18, 1953 Aug. 15, 1953	2 2	4 3	20 25	7 14	Fresh "	D,S D,S	Clay 40; sand boulders 57; dark grey rock 72. Clay 46; hardpan 69; granite 91.
Fauquier Twp. Con I Con III Con III Con III Con VIII Con VIII	L. Fortin A. Leonard J.R. Cantin " 15 E. Lefebvre	lot 13 " 12 " 15 " 15 " 14	Jul. 30, 1953 Jun. 12, 1953 Jul. 22, 1953 Jul. 28, 1953	1 1/2 1 1/2 1 1/2 1 1/2	4 2 2 1 1/2	13 15 20	6 12 Flows 10	Fresh " " "	D D D D	Yellow clay 26; grey granite 103. Grey clay 8; green stone 40; grey granite 71. Yellow clay 13; grey granite 53. Yellow clay 11; grey granite 283.
Fox Twp. Con II Con II Con II	A. Coter Sep. School #1 E. Devesque	lot 4 " 9	May 13, 1953 Jun. 10, 1954 Oct. 1, 1954	2 2 1 1/2	3 13	35 27 5	17 27 5	Fresh " "	D,S P D,S	Soft clay 37; boulders 51; dark grey rock 152. Clay 58; soft grey rock 122. Hardpan 40; clay 75; quicksand 85; gravel 90.
German Twp. Con VI	L. Crattan	lot 8	Aug. 20, 1953	2	3	15	10	Fresh	D,S	Yellow clay 30; quicksand 90; gravel 100.
Glackmeyer Twp. Con I Con III Con III Con III Con XI	J.R. Brunet O. Chouinard A. Cousineau School SS #4 and 5.	lot 1 " 13 " 17 " 19	Aug. 3, 1954 Jul. 6, 1954 Sep. 8, 1953 Jul. 17, 1953	1 1/2 1 1/2 1 1/2 4	17 25 10	4 12 12	4 Flows 6	Fresh " "	D,S D D,S P	Clay 15; hardpan 89; gravel 91. Clay 20; quicksand 35; hardpan 50; clay 100; gravel 104. Clay 4; hardpan 48. Clay boulders 25; clay sand boulders 65; sand gravel boulders 81.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. INCHES	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
COCHRANE DIST.-cont. Haggart Twp. Con IX lot 19 Con X " 19 Con X " 27	E. Bernard V. Bedard E. Marin	D. Groleau " " Groleau Bros.	Aug. 8, 1953 Aug. 4, 1953 Jul. 15, 1953	3 3 1 1/2	3 2 1/2 4	90 80 20	35 38 4	Fresh " "	D, S D D	Clay 25; sand 78; granite 156. Clay boulders 25; sand 80; granite 380. Clay 13; gravel 15; granite 71.
Harlan Twp. Con I lot 14	C. Vaillancourt	D. Groleau	Jul. 4, 1953	1 1/2	3	20	7	Fresh	D, S	Clay boulders 20; granite 142.
Huslop Twp. Con III lot 12	G. Heavans	J. B. Longstreet	Nov. 10, 1954	4	3	115	63	Fresh	D, S	Black muck 4ured clay 25; blue clay 50; sand boulders 73; quicksand 128.
Con V " 9	P. Plant	E. O. Longstreet	Sep. 21, 1954	6	5	93	17	"	D, S	Blue clay 55; sand 55; sand fine stone 75; hardpan 95; water bearing gravel 103. Water contains iron.
Con VI " 5	M. Bruce	" "	Sep. 10, 1953	6	25	60	17	"	D, S	White clay 3; sand boulders 60; quicksand 80; coarse sand 90; fine gravel 95; coarse water bearing gravel 98.
Con VI " 9	H. Durham	" "	Oct. 9, 1953	5						Hard yellow sand 87; green diabase 8 1/2. Dry hole.
Idington Twp. Con V lot 4 Con VI " 6 Con XII " 26	H. Aubertin A. Achance R. Segouin	Groleau Bros. D. Groleau Cusillette/Tremblay	Jul. 24, 1954 Aug. 15, 1953 Sep. 7, 1953	1 1/2 1 1/2 5	1 2 1/2 4	28 25 0	3 12 plows	Fresh " "	D D, S D	Clay 4; granite 66. Clay 25; granite 104. Grey clay 18; grey granite 54.
Kendall Twp. Con IX lot 27 Con IX " 27 Con IX " 28 Con X " 27 Con XII " 28	L. Aubin J. Morin Ont. Hydro Elec. P. Capaud W. Proulx	V. Proulx " " " " " " " "	May 30, 1953 Oct. 6, 1953 May 28, 1953 Jun. 25, 1953 Jul. 30, 1954	1 1/2 1 1/2 1 1/2 1 1/2 6	4 4 4 4 1 1/2		3 0 0 4 10	Fresh " " " "	P D P D D, S	Clay 10; fine gravel 30; coarse gravel 35. Clay 10; fine gravel 30; hardpan 45; coarse gravel 50. Grey clay 10; grey quicksand 15; medium gravel 45. Clay 15; quicksand 30; gravel 40. Grey clay 20; grey granite 160.
Lamarche Twp. Con III lot 9 Con VI " 4 Con VI " 5 Con VI " 5	G. Hackett W. Frigglesworth J. Bertaume A. Gregoire	D. Groleau N. Dubeau E. Robinson D. Noel	May 9, 1953 Aug. 4, 1953 Jul. 5, 1954 Oct. 19, 1954	1 1/2 1 1/2 4 2	5 8 3	15 24 6	6 2 4	Fresh " " "	D, S D, S D D, S	Clay 4; green stone 63. Clay 10; hardpan 99. Blue clay 20; fine sand boulders fine gravel 65; coarse gravel 75. Clay 10; hardpan 20; quicksand 54; gravel 57.
Leitch Twp. Con VI lot 4	H. Allen	N. Dubeau	Aug. 19, 1953	1 1/2	12	2	2	Fresh	D, S	Brown clay 30; blue clay 50; grey sand 60; blue clay 77; sand 82; blue clay 90; gravel 97.
Lowther Twp. Con VIII lot 16 Con XI " 20	G. Chouinard J. L. Gosselin	D. Groleau " "	May 24, 1954 May 25, 1954	2 2	2 3	25 15	7 2	Fresh "	D, S D, S	Clay 7; sand boulders 47; granite 167. Clay sand 24; soft grey rock 36.
McCrea Twp. Con VI lot 7 Con IX " 6	Sep. School #2 H. Vallee	D. Groleau " "	May 7, 1954 Jun. 16, 1953	2 1 1/2	1 3	25 20	5 2	Fresh "	P D, S	Clay 5; sand 41; dark grey rock 105; quartz 126. Clay 12; boulders sand 45; soft grey rock 86.
Mountjoy Twp. Con II lot 2 Con II " 2	Twp. Timmins C. Clement	E. O. Longstreet	Jul. 26, 1954 Jul. 30, 1954	6 6			5 10 1/2	Fresh "	T T	Sand 12; blue clay 39; very coarse gravel 41; coarse sand 55. Fine sand clay 14; blue clay 19; sand clay 21; coarse sand 25; fine sand 29; coarse sand 42; fine sand 50; coarse sand 55; sand clay 56; sand clay 60.
Con II " 2	Twp. Timmins	" "	Aug. 2, 1954	6			10	"	T	Sand 18; coarse sand 22; blue clay 23; coarse sand clay 25; blue clay 34.
Con II " 2	" "	" "	Aug. 6, 1954	6			5	"	T	Soil limed-gravel 11; blue clay 13; clay gravel 30.
Con II " 2	" "	" "	Aug. 10, 1954	6				"	T	Fill 3; fine sand 10; clay coarse gravel 12; fine sand clay 16; fine sand vegetable matter clay 28; gravel 36; clay gravel 45.

COCHRANE DIST.-cont.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
COCHRANE DIST.-cont. TIMMONS	Tim. Timmons	E.C. Longstreet	Aug. 11, 1954	6					T	Sand clay gravel 13; coarse grey sand light silt 23; med. grey sand 39; soft blue clay 52.
TIMMONS	"	"	Aug. 13, 1954	6					T	Soft blue clay 35.
Way Twp.										
Con IV	W. Baheux	D. Grolean	May 15, 1954	1 1/2	1 1/2	20	3	Fresh	D.S	Clay 35; sand boulders 83.
Con VII	R. Levesseur	"	Sep. 22, 1953	2	2	25	15	"	D.S	Clay boulders 58; quartz dark grey rock 180.
Con VIII	G. Harris	"	Sep. 5, 1954	2	3	15	2	"	D.S	Sand boulders 37; hard granite 81.
Williamson Twp.										
Con I	U. Fortin	D. Grolean	Apr. 30, 1954	2	3	10	2	Fresh	D.S	Clay 10; granite 45.
DUPREIN COUNTY										
Ashcroft Twp.										
Con II	M. Wier	M.S. Bellerby	Nov. 16, 1953	5	8	20	20	Fresh	D	Sand 92; white limestone 100.
Con III	R. Gresson	C. Smith	Jul. 10, 1953	4	10	45	30	"	D.S	Clay 20; sandy clay 60; stone clay 80; clay silt 94; shell rock sand 114; limestone 150.
East Garafraxa Twp.										
Con X	W.R. Black	P.L. Davidson	May 27, 1953	4	14	60	45	Fresh	D.S	Clay 12; sand 53; till 170; rock 239.
Con XII	P. James	O.H. Gow	Sep. 16, 1954	4	10	22	20	"	D.S	Brown clay 72; gravel boulders 76; limestone 187.
Con XIII	H. Taylor	P.L. Davidson	Feb. 11, 1954	4	8	60	48	"	D.S	Clay 10; sand 52; clay 78; gravel 100; till 168; rock 232.
Con XIII	P. Taylor	"	Oct. 31, 1953	4	10	80	35	"	D	Till 103; shale 120; hard white limestone 217.
Con XIV	H. Thompson	"	Dec. 31, 1954	4	12	80	67	"	D.S	Red sand 132; marl 163; clay 220; gravel 236; dark rock 297.
East Luther Twp.										
Con XIV	L. Keist	M.S. Bellerby	Oct. 20, 1953	6	8	20	14	Fresh	D.S	Clay stones 60; white limestone 100.
Con XIV	W. Teeter	"	May 5, 1953	5	10	10	10	"	D.S	Clay boulders 68; rock 111.
Grand Valley	Church of England	P.L. Davidson	Mar. 9, 1954	4	12	55	46	Fresh	D	Clay 22; grey clay gravel 47; gravel 60; grey clay sand gravel 80; shale 96; limestone 236.
Grand Valley	L. Grainger	"	Apr. 24, 1954	4 1/2	15	10	0	"	D	Mixed sand and gravel 37; brown limestone 72.
Grand Valley	"	"	May 24, 1954	4 1/2	20	10	0	"	D	Sand 19; gravel 31; shale 44; brown limestone 72.
Melancthon Twp.										
Con I	G.E. Armstrong	C. Bartley	Jul. 13, 1954	4	4	40	36	Fresh	C	Topsoil yellow clay stone 22; brown limestone 49; grey limestone 51.
Con II	H. Francis	M.S. Bellerby	Nov. 21, 1953	6	5	50	50	"	D.S	Old well 45; hard limestone 100.
SRE Con I	R. Pate	P.R. McHughan	Jul. 2, 1954	4	10	9	30	"	D.S	Topsoil 21; hardpan 59; blue rock 92; shale 95.
SRE Con II	K. Coubts	M.S. Bellerby	Jun. 15, 1954	5	5	111	9	"	D.S	Drill well 30; yellow limestone 111.
SRW Con I	J. Milkawich	"	Jul. 1, 1954	4	7	18	18	"	D.S	Hard clay 50; limestone 65.
SRW Con VII	T. Dryden	"	Jun. 1, 1954	5	5	20	20	"	D	Hardpan clay stone 60; white limestone 87.
Mono Twp.										
HSE Con I	E. Woolhead	C. Smith	Jun. 25, 1953	4	8		72	Fresh	D	Clay loose rock 20; shelly rock clay 38; limestone 95.
HSE Con I	C. Bookman	"	Mar. 10, 1954	4	10	70	70	"	D	Stony clay 30; shelly rock clay 40; brown limestone 100.
HSE Con I	P. Watt	"	Apr. 5, 1954	4	12	32	32	"	D	Clay boulders 30; brown limestone 68.
HSE Con I	E. Woolhead	"	Aug. 30, 1954	4	12	69	66	"	D	Clay 12; boulder clay 30; sandy clay boulders 34; brown limestone 97.
HSE Con II	Boy Scouts Assn	"	Jul. 21, 1954	4	8	90	85	"	D	Sandy clay 125; hard red shale 154.
HSE Con III	C. Moffat	"	Aug. 7, 1954	4	5	145	145	"	D	Sand clay 20; clay 50; blue clay sand 175; sand gravel 184.
HSE Con IV	M. Davis	P.L. Davidson	Aug. 1, 1954	6	3 1/2	57	45	"	D	Till 13; sand 31; mixed clay and gravel 52; shale rocks 62; grey rock 79; red shale 120.
HSE Con V	H. Parr	C. Smith	Dec. 28, 1954	4	20	35	27	"	P	Stony clay 18; red shale 52.
HSE Con V	School	"	Dec. 23, 1953	4	10	94	94	"	P	Clay 23; sandy clay stones 60; brown limestone 114.
HSE Con VI	P. Little	P.L. Davidson	Mar. 21, 1953	4	6	Flows	Flows	"	D	Clay 48; till 100; shale 130; blue rock 465; Dry hole. Gas encountered.
HSW Con I	G. St. Pierre	O.H. Gow	Aug. 15, 1953	4	15	23	20	"	D	Gray red shale 60; blue shale 84. 2; till 35; gravel 38.
HSW Con I	G. Watson	C. Smith	Nov. 10, 1953	4	15	23	20	"	D	Stony clay 10; sandy clay stones 15. 2; till 35; gravel 38.
HSW Con I	W.L. Smith	"	May 28, 1954	4	12	36	32	"	D	Clay 20; stony clay 30; sandy clay 40; limestone 61.

DUFFERIN COUNTY-cont.

Mono Twp.-cont.															
HSW Con II lot 4	M.Maud	O.H.Gow	4	4	7	Flows	Flows	Fresh	C	Gravel 44.					
HSW Con II " 4	S.Star	"	4	4	10	12	12	"	D	Gravel boulders 50; grey shale 85.					
HSW Con II " 15	A.Anderson	"	4	4	12	40	40	"	D.C	Clay boulders 80; gravel 105.					
HSW Con III " 16	F.Turner	O.Smith	4	4	8	20	17	"	D.S	Sandy clay 25; gravelly clay 55; limestone 68.					
Mulmur Twp.															
HSE Con III lot 9	L.Rogers	C.Smith	4	4	16	12	12	Fresh	D	Gravelly clay 20; gravel 28.					
HSW Con III " 20	A.Hunter	"	4	4	12	69	69	"	S	Clay 20; sandy clay stones 45; brown limest.30; white limest.35.					
DUNDAS COUNTY															
Chesterville	H.Ouellette	A.Gauthier	4	4	2	30	20	Fresh	D	Hardpan 40; gravel 44.					
Chesterville	Presb.Church.	"	4	4	8	15	10	"	D	Hardpan 38; rock 42.					
Chesterville	P.Hall	"	4	4	7	15	10	"	D	Hardpan 30; rock 39.					
Chesterville	P.Ricke	"	4	4			Flows	"	D	Hardpan 28; gravel 30.					
Chesterville	E.Gainer	"	4	4	2	20	12	"	D	Hardpan 34; gravel 36.					
Chesterville	J.Turner	"	4	4	5	20	12	"	C	Hardpan 27; gravel 29; rock 40.					
Chesterville	Jul. 7, 1953	"	4	4	8	25	23	"	D	Hardpan 28; gravel 29; rock 30.					
Chesterville	Neilson Co.	"	4	4	5	20	21	"	D	Hardpan 28; sand 31; rock 38.					
Chesterville	E.Lasalle	"	4	4	8	25	22	"	D	Hardpan 30; gravel 31.					
Chesterville	W.Lescombe	"	4	4	3	22	20	"	D	Old well 18; hardpan 29; rock 35.					
Chesterville	J.Wardell	"	4	4	3	22	18	"	D	Old well 15; hardpan 28; rock 31.					
Chesterville	M.Paul	"	4	4	3	20	25	"	D	Hardpan 28; limestone 45.					
Chesterville	D.Simpson	"	4	4	3	20	12	"	D	Hardpan 28; gravel 29.					
Chesterville	C.McLaughlin	"	4	4	8	25	25	"	D	Previously drilled 36; rock 48.					
Chesterville	J.Turner	"	4	4	5	12	12	"	D	Hardpan 30; gravel 33.					
Chesterville	O.Cardinal	"	4	4	8	10	10	"	D	Hardpan 30; gravel 33.					
Chesterville	T.McIntosh	"	4	4	8	15	10	"	D	Topsoil 31; clay 10; hardpan 10; gravel boulders 25; hardpan 31;					
Chesterville	B.Rose	"	4	4	10	63	11	"	D	medium hard limestone 205.					
Chesterville	W.Fulton	R.H.Casselman	5	5	7	20	15	"	D	Hardpan 20; boulders 30; hardpan 36; grey limestone 43.					
Chesterville	C.Thompson	A.Gauthier	4	4	7	20	15	"	D	Coarse red sand 4; fine grey clay 12; boulders pebbles sand					
Matilda Twp.															
Con IV lot 30	R.Haines	G.Poupore	5	5	10	15	3	Fresh	D	silt clay 27; grey limestone 52.					
Con VI " 8	L.Beckstead	I.Simzer & Sons	5	5	34	26	18	"	S	Dug well 19; hard limestone 74.					
Con VII " 7	H.Miller	"	5	5	10	10	18	"	In	Sand gravel 41; rock 42.					
Con VIII " 14	J.Poulet	"	5	5	67	1	1	"	D	Clay 30; limestone 92.					
WB Con I " 27	G.Johnston	G.Poupore	5	5	8	35	5	"	D.S	Gravel boulders 19; grey hardpan 38; gravel silt 44; grey hardpan 45; gravel silt 46; grey limestone 46 1/2.					
Mountain Twp.															
Con II lot 8	D.L.Berry	I.Simzer & Sons	5	5	18	3	0	Fresh	D	Clay 20; gravel clay 50; hard limestone 62.					
Con II " 8	S.Declair	"	5	5	8	5	Flows	"	D	Clay 20; gravel clay 44; hard limestone 66.					
Con II " 8	J.Gilroy	"	5	5	5	84	0	"	D	Clay 20; gravel clay 53; hard limestone 84.					
Con IV " 13	G.Simzer	"	5	5	5	30	20	"	D	Dug well 22; hardpan 35; hard limestone 46.					
Con V " 11	School S.# 7	"	5	5	5	8	12	"	P	Ground 3; hard limestone 72.					
Con VII " 16	J.Moss	R.H.Casselman n	5	5	18	12	9	"	D.S	Dug well 10; fine sand gravel 17; hard dark-grey limest.42.					
Con VIII " 6	School	I.Simzer & Sons	5	5	7	25	20	"	D	Dug well 20; ground 28; hard limestone 56.					
Con XI " 6	F.York	R.H.Casselman	5	5	14	23	20	"	D	Topsoil 31; clay 40; sand clay 75; limestone 86.					
Con XII " 17	S.Campbell	"	5	5	17	20	8	"	D.S	Old well 23; broken limest.30; light-grey limest.100.					
Williamsburgh Twp.															
Con II lot 30	E.Janack	R.H.Casselman	5	5	18	8	Flows	Fresh	D	Old well 12; soft clay gravel 91 1/2; limestone 106.					
Con IV " 31	A.Thom	"	5	5	18	18	12	"	D	Top soil 2; hardpan 4 1/2 limestone 83.					
Con V " 29	Dutch Christian	"	5	5	18	32	16	"	D	Top soil 3; till 30; fine running sand 60; soft light-grey limestone 173.					
Con VIII " 11	Reform Church	I.Simzer & Sons	5	5	8	40	9	"	D.S	Hardpan boulders 29; hard limestone 120.					
Con VIII " 32	W.Henderson	R.H.Casselman	5	5	14	14	6	"	D	Boulder fill 3; hardpan 18; limestone 33.					
WINCHESTER	J.Pader	A.Gauthier	5	5	8	40	30	Fresh	D	Ground boulders 31; limestone 72.					

1,2. Footnotes giving the meanings of loc. abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DEWDAS COUNTY-cont.										
Winchester	P.C.Roberts	R.H.Casselman	Aug. 3, 1953	5	13	45	33	Fresh	D	Old well 20; coarse gravel boulders 28; till 34; limestone 106.
Winchester	K.Summers	A.Gauthier	Aug. 7, 1953	4	3	40	15	"	D	Hardpan 40; sand 45; gravel 50; rock 62.
Winchester	P.Stuart	"	Aug. 17, 1953	4	3	40	15	"	D	Hardpan 35; rock 35.
Winchester	P.G.Hutt	R.H.Casselman	Sep. 17, 1953	5	16	20	15	"	D	Old well 22; till 35; limestone 99.
Winchester	T.O.Keays	I.Simzer & Sons	Oct. 2, 1953	5	7	86½	50	"	D	Hardpan 45; hard limestone 135.
Winchester	S.McKeechne	R.H.Casselman	May 26, 1954	5	8	18	18	"	D	Top soil 2; hardpan 18; medium limestone 92½.
Winchester	G.Larose	"	Jun. 17, 1954	5	18	27	32	"	D	Top soil 2; hardpan 36; medium limestone 120½.
Winchester	Methodist Church	A.Gauthier	Jul. 27, 1954	5	3	33	32	"	D	Old well 20; hardpan 35; grey limestone 83.
Winchester	J.R.Lemex	"	Nov. 16, 1954	5	7	29	17	"	D	Hardpan 39; limestone 68.
Winchester	K.Harrigar	R.H.Casselman	Nov. 23, 1954	5	7	55	12	"	D	Hardpan 38; limestone 68.
Winchester Twp.										
Con I lot 13	School	A.Gauthier	Apr. 17, 1953	4	8	20	12	Fresh	P	Grey clay 42; limestone 43.
Con I lot 15	B.Short	"	Nov. 28, 1953	4	10	20	20	"	D, S	Old well 20; grey limestone 45.
Con I lot 18	A.Graham	"	Apr. 9, 1953	4	3	15	15	"	D	Hardpan 5; rock 35.
Con II lot 18	A.Drappo	I.Simzer & Sons	May 26, 1953	5	7	10	1	"	D	Clay boulders 50; hard limestone 97½.
Con IV lot 18	G.Hoves	A.Gauthier	Jul. 10, 1954	4	3	2	2	"	D	Hardpan 8; rock 40.
Con IV lot 15	Rd. Resurfacing	R.H.Casselman	Dec. 13, 1954	5	10	30	10	"	P	Till 4; hardpan 34; limestone 86.
Con V lot 3	Cheese Produce Marketing Bnd.	"	Jun. 18, 1954	6	50	250	7	"	In	Top soil hardpan 12; gravel 25; medium limestone 300.
Con X lot 2	C.McVey	A.Gauthier	Aug. 25, 1953	4	8	20	15	"	D, S	Old well 15; hardpan 33; gravel 38.
Con X lot 8	A.Matte	"	Aug. 20, 1954	4	3	35	15	Salt	D	Clay 50; hardpan 75; gravel 77.
Con XI lot 18	School	R.H.Casselman	Sep. 1, 1954	5	18	35	14	Fresh	P	Top soil 3; hardpan boulders 20; very coarse gravel 49; medium limestone 167.
Con XI lot 22	C.McGregor	"	Jul. 14, 1954	5	8	45	21	"	D	Top soil 1; very hard limestone 30; medium limestone 57; soft limestone 97; med. limestone 123; very hard limestone 129; med. limestone 144.
Con XII lot 15	H.R.Wington	W.C.Christy	Jan. 6, 1953	4	4	19	8	"	D, S	Blue clay 14; black shale 40.
DURHAM COUNTY.										
Bowmanville	H.Powell	R.Halford	Jun. 4, 1953	6	4	40	40	Fresh	D	Hardpan gravel 40; blue clay 78; gravel 80.
Bowmanville	O.Bice	"	Nov. 14, 1954	6	5	40	20	"	D	Top soil 2; hard whitish clay 104.
Cartwright Twp.										
Con II lot 11	P.Ponill	Hoskin Bros.	Aug. 23, 1954	36		13½	13½	Fresh	D	Sandy top soil 1; sand blue clay 9; stony hard sand 16.
Con V lot 11	School	"	Oct. 24, 1953	36		13	13	"	D	Light loam 1½; subsoil 2½; sand 5; gravel 9; sand some clay 20; sand 29.
Con V lot 18	W.Proctor	"	May 29, 1954	36	30	45	18	"	D	Sandy loam 1; sandy subsoil 2; gravel 7; sand gravel 18; sand 20.
Con VII (Kestleton)	T.Laughfield	W.Sanderson	Mar. 10, 1954	6½		20	20	"	D	Old well 33; sand 60; blue clay 104; coarse gravel 106.
Con VIII lot 11	C.McCullough	Hoskin Bros.	Jun. 18, 1954	36		6	6	"	D	Black loam 1; sand subsoil 2; sand gravel 9.
Con VIII lot 11	J.Trepleton	"	Jun. 23, 1954	36		3½	3½	"	D	Sand loam 1; black loam 2; sand stone 7½.
Con VIII lot 12	P.Woods	"	Jun. 23, 1954	36		10	10	"	D	Sand loam 1; subsoil 2; grey clay stone 12; sand 15.
Con VIII lot 12	J.Pox	"	May 19, 1954	36		16	16	"	D	Sand loam 1; sand 10; sand gravel 18; sand 20.
Con VIII lot 12	O.Hewitt	"	May 27, 1954	36		19½	19½	"	D	Clay loam 1; subsoil 2½; sand 6; gravel 8; sand 22; sand 27½.
Con IX lot 13	W.McMillan	"	Jun. 2, 1954	36		19½	19½	"	D	Clay loam 1; subsoil 2½; sand 6; gravel 8; sand 22.
Con IX lot 13	W.McMillan	"	Jun. 2, 1954	36		19½	19½	"	D	Sandy loam 1½; subsoil 2; sand stone 11½.
Con IX lot 18	P.Fincoif	"	Jun. 5, 1954	36		5½	5½	"	D	Sandy loam 1½; subsoil 2; grey clay gravel 8; clay stone gravel 15.
Con X lot 18	P.J.Massie	"	Jun. 24, 1954	36		7	7	"	D	Black loam 1½; subsoil 2; grey clay gravel 8; clay stone gravel 15.
Con X lot 18	W.Foley	"	Jul. 6, 1954	36		9	9	"	D	Black loam 1½; subsoil 2; sand clay 10; sand stone 15.
Cavan Twp.										
Con I lot 12	D.Olan	W.Sanderson	Jan. 15, 1953	6	10	115	90	Fresh	D	Top soil 2; clay 8; sand 14; blue till 134; coarse gravel.
Con I lot 18	School S. #15	N.N.Paulkner	Oct. 9, 1953	6½	8	30	30	"	P	Till 10; clay 90; gravel 94.
Con I lot 23	B.Hazelden	"	Jun. 1, 1953	6	7	30	30	"	D	Till 71; gravel 74.
Con II lot 16	P.Elgar	"	Oct. 22, 1953	6½	14	87	78	"	D	Till 30; clay 120; gravel 122.

DURHAM COUNTY-cont.

Con I	17	S.W. Harmer	N.N. Faulkner	100	7	117	6 1/2	Feb. 1, 1954	D, S	Topsoil 2: clay stones 55; dry sand 100; gravel 117.
Con II	"	R.V. Brook	"	27	5	40	6 1/2	Oct. 6, 1953	D	Dug 30; till 40; gravel 54.
Con III	"	E. Patton	"	60	5	134	5	Mar. 10, 1954	"	Dug well 3; gravel hardpan 80; blue clay some sand 140; coarse sand fine gravel 142. clay stone 53; gravel 54.
Con IV	"	E. Armstrong	W. Sanderson	40	12	44	6 1/2	Dec. 9, 1953	D, S	Top soil 2: brown till 20; blue clay stone 53; gravel 54.
Con V	"	C. Kinsman	M.N. Faulkner	40	6	75	6	Oct. 6, 1954	"	Top soil 2: sandy gravel clay 28; blue clay stones 80; blue clay gravel 90.
Con VI	"	R. Atkinson	R. Halford	27	2	157	6	May 8, 1953	"	Blue clay boulders 35; gravel 37.
Con VII	"	R.C. Welborne	N.N. Faulkner	15	3		6	Oct. 24, 1954	"	Top soil 2: large stones blue clay 20; blue clay some gravel 78; shale rock 81; dark-grey limestone 165.
Con VIII	"	Ont. Hydro Elec.	R. Halford	27	8	27	5	Apr. 29, 1953	"	Sandy loam 2: blue clay 35; gravel 37.
Con IX	"	G. Sheigrove	N.N. Faulkner	10	8	20	2	Jul. 29, 1954	"	Top soil 2: brown sand brown clay 38; clay gravel coarse sand 41.
Con X	"	Whitfield/Morris son.	"	15	14	30	6 1/2	Nov. 20, 1953	D, S	Till clay 40; gravel 45.
Clarke Twp.	lot 10	W. Elliot	Hoskin Bros.	31	36		36	Jul. 20, 1953	D	Sandy loam 6: grey clay 13; grey clay and brown sand in layers 37 1/2.
Con B.	"	L.L. Atchison	"	20	36		36	Jul. 22, 1953	"	Sandy loam 2: gravel 10; clay 24.
Con E	"	VanLeeuwen	N.N. Faulkner	60	14	100	6 1/2	Jul. 9, 1953	D, S	Brown sandy till clay small boulders 100; brown sand 150; grey sandy till clay gravel 163; sand gravel 171.
Con I	"	J. Grant	W. Sanderson	14	12	30	6 1/2	Oct. 20, 1953	"	Old well 18; blue clay 40; gravel 41.
Con II	"	C.J. Allin	K.N. Faulkner	20	7	45	6	Jan. 15, 1953	D, S	Till 60; gravel 65.
Con III	"	W.H. Gibson	"	30	7	97	6 1/2	Oct. 2, 1953	D, S	Till 70; limestone 127.
Con IV	"	P. & D. Gray	W. Sanderson	12	2	60	6 1/2	Feb. 19, 1954	D, S	Top soil 3: blue clay stone 30; blue clay 73; dark limestone 79.
Con V	"	J.T. Brown	N.N. Faulkner	8	3	90	6 1/2	Aug. 19, 1953	D, S	Old well 12; grey hardpan small stones gravel 98.
Con VI	"	Vigor Oil Co.	"	8	5	93	6 1/2	Nov. 15, 1954	"	Top soil 1: brown clay 7; gravel 10; grey clay 35; grey clay pebbles 98.
Con III	"	C.A. Pisk	"	24	7	36	6 1/2	Aug. 7, 1953	D, S	Till 40; gravel 46.
Con III	"	E.E. Armstrong	"	10	7	57	6 1/2	Aug. 20, 1953	D, S	Till 30; silt sand 64; gravel 65.
Con III	"	W.H. Gibson	"	30	18	50	6 1/2	Oct. 2, 1953	D, S	Gravel till 77.
Con IV	"	G. Wright	"	30	18	50	6 1/2	Sep. 2, 1953	D, S	Till 70; clay 150; silt 225; gravel 230.
Con IV	"	L. Bowers	"	30	14	50	6 1/2	Oct. 21, 1954	D, S	Top soil 2: brown clay 21; sand 80; gravel 81.
Con IV	"	W.P. Irwin	"	60	14	63	6 1/2	Nov. 10, 1954	"	Top soil 1 1/2: yellowish clay 23; sand 27; brown clay pebbles 34; coarse sand 50; sand 72; blue clay 80; sand 82; gravel 84.
Con V	"	M.J. Tamblin	"	Flows	20		6 1/2	Nov. 18, 1953	"	Till 100; silt 105; gravel 168.
Con V	"	R. Harness	L.R. Hoskin	17			36	Nov. 2, 1954	"	Clay gravelly loam 1; subsoil 1 1/2; clay stones 10; sand 10 1/2; hardpan 20.
Con V	"	Gdn. Bnk. Comm.	N.N. Faulkner	30	8	120	6 1/2	Feb. 27, 1953	"	Till sand 150; limestone 156.
Con V	"	H.E. Hancock	"	10	18	34	6 1/2	Mar. 2, 1953	"	Till 45; sand gravel 54.
Con V	"	Orono Telephone	"	Flows	14	131	6 1/2	Oct. 5, 1954	"	Top soil 2: sand gravel 6; grey pebbles 136; gravel 137.
Con V	"	A. Watson	"	12	3	41	6 1/2	Oct. 8, 1954	"	Top soil 1: brown clay stones 40; gravel 45.
Con V	"	A. Hall	"	30	7	100	6 1/2	Jul. 24, 1953	"	Till 30; silt 100; gravel 120.
Con VI	"	A.W. Cook	"	4	10	30	6 1/2	May 1, 1953	D, S	Sand 130; clay 187; limestone 193.
Con VI	"	E. Martwell	"	55	18	70	6 1/2	Jul. 7, 1954	D, S	Top soil 2: clay stone 60; grey clay 140; gravel 146.
Con VI	"	E.E. Patterson	"	175	6	10	6 1/2	Apr. 19, 1954	D, S	Top soil 2: sand clay stone 180; sand gravel 195.
Con VI	"	E. Quantrell	"	100	6	10	6 1/2	Oct. 30, 1954	D, S	Top soil 2: brown clay stones 12; grey clay pebbles 40; sandy grey clay pebbles 126.
Con VI	"	M.W. Chatterton	R. Halford	60	5	130	6 1/2	Apr. 8, 1954	"	Old well 60; clay boulders 158; hardpan gravel 160.
Con VII	"	E.W. Foster	N.N. Faulkner	Flows	18		6 1/2	May 18, 1954	"	Dug well 20; sand 25; clay sand 75; sand wood 190; sand gravel 207.
Con VIII	"	C. Allen	"	50	14	65	6 1/2	Aug. 26, 1953	"	Top soil 2: brown clay stones 100; gravel 104.
Con VIII	"	E.A. Leamer	"	49	14	51	6 1/2	Jul. 14, 1954	"	Top soil 1: brown clay 12; sand 45; sand gravel 53; gravel 55.
Con VIII	"	H.G. Bellamy	"	45	14	50	6 1/2	Nov. 6, 1954	"	Top soil 2: yellowish clay 30; sand 60; sand gravel 70; quicksand 89; sandy grey clay pebbles 100; gravel 102.
Con IX	"	M. Faulkner	"	60	8	80	6 1/2	Nov. 10, 1953	In	Till 110; sand 110; gravel 119.

Complete listing of the meaning of the symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DURHAM COUNTY--cont. Darlington Twp. B.P. lot 19 Con I	P. Mayte G.B. Richard	Hoskin Bros. W. Sanderson	Jun. 24, 1954 Aug. 24, 1953	36 6 1/2	2	136	Views 20	Fresh	D	Clay loam 1; subsoil 1 1/2; gravel 5; clay gravel 27 1/2; sand clay 39. Dark top soil; brown clay fill; 38; dirty sand 40; blue till 16; grey limestone 140.
Con I	P.G. Newell	M.N. Faulkner	Jun. 10, 1954	6 1/2	18	15	4	"	D	Dug well 4; clay stones 34; gravel 35.
Con I	H. VanDerBilt	W. Sanderson	Sep. 5, 1953	6	18	30	28	"	D	Old well 5; blue clay 20; gravel 21.
Con I	R.R. Stevens	"	Oct. 5, 1954	6 1/2	2	40	13	"	D	Old well 24; blue clay 132; gravel 134.
Con II	School S.#5	M.N. Faulkner	Jul. 20, 1953	6	2	7	10	"	D	Old well 5; sand 37; till 20; grey clay 100; limestone 116.
Con II	R.B. Brown	"	Mar. 11, 1953	6 1/2	6	96	12	"	D	Till 80; clay 140; gravel 148.
Con II	C. Burton	Hoskin Bros.	Jan. 7, 1953	36	13	80	15	"	D	Clay loam 2; subsoil 3; clay gravel 24; gravel sand 27 1/2.
Con II	C. Walls	"	Jul. 27, 1953	36	7	13	15	"	D	Clay loam 1 1/2; subsoil 3; clay stone 12; gravel clay 15.
Con II	G. McMillion	"	Apr. 24, 1954	36	36	13 1/2	5	"	D	Clay loam 1; subsoil 2 1/2; sand gravel 12; clay stones 20;
Con II	"	"	Aug. 8, 1954	36	36	13 1/2	13 1/2	"	D	Gravel clay 2 1/2.
Con II	"	"	Apr. 7, 1954	36	36	8 1/2	13	"	D	Sand loam 1; subsoil 2 1/2; sand 3; clay sand layers 10; sand 16 1/2.
Con II	"	"	Oct. 23, 1953	36	36	13	13	"	D	Clay loam 1; subsoil 2; grey clay stone 19; clay sand 15.
Con II	"	"	Nov. 4, 1953	36	36	15	15	"	D	Clay loam 1; subsoil 2 1/2; grey clay gravel 15; brown hard sand 19.
Con II	"	"	Sep. 8, 1954	36	36	20	20	"	D	Black loam 1; subsoil 1 1/2; clay stone 10; blue clay 70; sand clay 80.
Con II	"	"	May 3, 1954	36	36	2 1/2	2 1/2	"	D	Gravelly loam 1 1/2; black soil 3; subsoil 4; sand clay 7; clay gravel 18; gravel sand 21 1/2.
Con II	"	"	May 22, 1953	6	1	Flows	Flows	"	D	Top soil 3; blue clay 23; quicksand gravel 48; gravel 50.
Con II	N. Sayers	R. Halford	Oct. 17, 1953	36	36	19	19	"	P	Sandy loam 1 1/2; clay soft stone 10; gravel 13; clay gravel 21 1/2.
Con II	Courty United	Hoskin Bros.	Oct. 31, 1953	36	36	16	16	"	D	Brown sandy loam 3; grey clay 13; grey clay 16; brown sand 21.
Con II	"	"	Jun. 30, 1954	36	36	17 1/2	17 1/2	"	D	Clay loam 1 1/2; subsoil 2; clay gravel 25; gravel 27 1/2.
Con II	"	"	Jul. 14, 1953	36	36	4	4	"	D	Clay loam 2; gravel stone grey clay sand 16 1/2.
Con II	"	"	Jul. 16, 1953	36	36	3	3	"	D	Clay loam 2; gravel stone 15.
Con II	"	"	Feb. 21, 1954	36	36	8	8	"	D	Clay loam 1; subsoil 5; clay stone 19; sand stone 22 1/2.
Con II	"	"	May 29, 1954	36	36	6	6	"	D	Black loam 2; sand gravel 4; sand 11.
Con II	"	"	Jun. 29, 1954	36	36	10	10	"	D	Clay loam 1; subsoil 2; clay gravel 15; sand 20.
Con II	"	"	Aug. 21, 1954	36	36	47	47	"	D	Pill 1; clay loam 2 1/2; subsoil 3 1/2; clay gravel 12; hardpan 50.
Con II	"	"	Nov. 29, 1954	36	36	16	16	"	D	Sandy loam 1 1/2; gravel loam 4; gravel 20.
Con III	"	"	Dec. 10, 1953	36	36	25	25	"	D	Sandy loam 1 1/2; subsoil 2 1/2; sand gravel 26; blue clay gravel 3; gravel sand 36 1/2.
Con III	"	"	Oct. 29, 1953	6 1/2	11	70	50	"	D	Old well 60; blue till boulders 85; sandy gravel 86.
Con III	"	"	Aug. 21, 1953	36	36	15	15	"	D	Sandy loam 1; brown subsoil 3; sand clay 15; gravel blue clay 20.
Con III	"	"	Feb. 24, 1954	36	4	5 1/2	5 1/2	"	D	Clay loam 1 1/2; clay stone 15; gravel clay 17 1/2.
Con III	"	"	Jun. 13, 1953	36	7	78	20	"	D	Dug well 8 1/2; sand 50; quicksand 78.
Con III	"	"	Jun. 18, 1953	4	4	24	24	"	D	Old well 2; hard stony clay 73.
Con III	"	"	Jul. 20, 1953	36	18	25	10	"	D	Sandy loam 2; sand clay 10; clay stone 20; sand 25.
Con III	"	"	Oct. 31, 1953	6 1/2	18	31	20	"	D	Old well 25; blue clay 40; gravel 41.
Con III	"	"	Oct. 31, 1953	6 1/2	18	31	21	"	D	Old well 25; blue clay 40; gravel 41.
Con III	"	"	Feb. 24, 1953	36	36	12	12	"	D	Clay loam 2; gravel 12; sand 15.
Con III	"	"	Jul. 24, 1954	36	36	0	0	"	D	Cinder black loam 2; subsoil sand 3; sand gravel 6; sand 11 1/2.
Con III	"	"	Aug. 14, 1954	36	36	13	13	"	D	Sandy loam 1; subsoil 2; clay gravel 17; sand 19; gravel 20.
Con III	"	"	Jun. 9, 1954	6 1/2	4	60	15	"	D	Old well 24; blue clay stones 99; dark limestone 104.
Con IV	"	"	Apr. 30, 1954	5	6	142	72	"	D	Dug well 30; boulders clay 70; hardpan 120; quicksand 160;
Con IV	"	"	May 4, 1954	6 1/2	18	36	18	"	D	Clay 172; shale rock 192.
Con IV	"	"	May 4, 1954	6 1/2	18	36	18	"	D	Top soil 2; brown clay boulders 20; yellowish clay 55; coarse sand 60; grey clay pebbles 102; gravel 106.
Con IV	"	"	Mar. 10, 1954	36	36	10	10	"	D	Clay loam 4 1/2; subsoil 3; sand clay 10; sand 16.
Con IV	"	"	Mar. 10, 1954	36	36	5 1/2	5 1/2	"	D	Clay loam 4 1/2; subsoil 3; sand clay 8; sand 11 1/2.

DURHAM COUNTY-cont.

Darlington Twp. cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</
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1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
DURHAM COUNTY-cont. Kaneville Twp. cont. Con VIII lot 34	School S. 15-16	M.N. Paulkner	Jan. 28, 1953	6 1/2	5	160	60	Fresh	P	Till 60; sand 150; clay 200; sand 220; rock 223.
Killbrook	S. Owen s	R. Hal Ford	Apr. 9, 1953	4	3		Flows	Fresh	D	Blue clay 135; clay stones.
Killbrook	R. Smith	"	Apr. 20, 1953	4	3	60	40	Fresh	D	Blue clay 83; gravel 90.
Killbrook	Dept. of Reform Institutions	International Water Supply Ltd.	Jul. 27, 1953	2	64	5	3	"	T	Topsoil 1; brown clay 3; blue sandy clay 5; gravel sand boulders 7; gravel streaks 9; fine sand clay 10; soft blue clay 54; cemented sand 59; boulders gravel sand 59; cemented sand gravel 60; clay streaks of sand 69; clay gravel 71; cemented sand gravel 73; boulders gravel sand streaks of clay 82; clay gravel sand streaks 91; coarse gravel sand boulders clay 97; boulders gravel sand clay 98; clay 100.
Killbrook	S. Olen	N.N. Paulkner	Oct. 23, 1953	4	1	Flows	Flows	Fresh	D	Grey clay 120; limestone 133.
Killbrook	Con. Region 402	"	Nov. 27, 1953	6 1/2	20	Flows	Flows	"	P	Grey clay 98.
Killbrook	A.H. Jeffery	"	Mar. 15, 1954	6	18	60	30	"	D	Topsoil 2; blue clay stone 110; clay gravel shale 121.
Newcastle	C. Richard	W. Sanderson	Oct. 17, 1953	6 1/2	6	40	30	Fresh	D	Topsoil 1; blue till 48; grey limestone 54.
Newcastle	E. Fisher	"	Oct. 23, 1953	6 1/2	18	10	28	"	D	Old well 2; blue clay 40; gravel.
Newcastle	E.L. Aldread	"	Oct. 23, 1953	6 1/2	12	10	6	"	D	Topsoil 2; blue clay 19; gravel 23.
Newcastle	H. Fendlen	"	Oct. 27, 1953	6 1/2	12	10	30	"	D	Topsoil 2; brown clay 30; blue clay 47; grey limestone 55.
Newcastle	G. Kimball	"	Dec. 17, 1953	6 1/2	12	15	11	"	D	Topsoil 2; brown clay 40; gravel 42.
Newcastle	H.V. Bonathan	"	Dec. 19, 1953	6 1/2	20	22	14	"	D	Old well 2; blue clay 45; gravel 46.
Newcastle	H. Farrow	"	Dec. 26, 1953	6 1/2	3	60	30	"	D	Old well 3; fine sand 76; grey limestone 78.
Newcastle	H. Jose	"	Dec. 31, 1953	6 1/2	5	50	31	"	D	Old well 18; blue clay 75; grey limestone 77.
Newcastle	G.B. Ferguson	"	Jan. 11, 1954	6 1/2	5	20	11	"	C	Old well 16; blue clay 33; coarse gravel 34.
Newcastle	C. Finley	"	Feb. 12, 1954	6 1/2	18	35	12	"	D	Old well 20; soft blue clay 62; dark limestone 63.
Newcastle	R.B. Richard	N.N. Paulkner	Jun. 18, 1954	6 1/2	14	20	8	"	D	Topsoil 2; brown clay stones 20; clay 40; gravel 42.
Newcastle	P.R. Rowe	"	Jun. 19, 1954	6 1/2	14	40	29	"	D	Dug well 29; clay stones 54; gravel 56.
Newcastle	T.W. Enwright	"	Jun. 23, 1954	6 1/2	8	20	8	"	D	Dug well 21; grey clay 40; gravel 42.
Newcastle	J.A. Smith	"	Jun. 23, 1954	6 1/2	8	30	20	"	D	Topsoil 1; clay boulders 10; grey clay 45; gravel 48.
ELGIN COUNTY. Aldborough Twp. Con VII lot A	L.D. Lalonde	R.M. Campbell	Jul. 16, 1953	2	2/3		115	Fresh	D	Gravel 15; grey clay 198; sand cemented gravel 230; hardpan clay gravel 250; grey shale 263; limestone 265.
Con XIII	G. McNichol	Palenkas Bros.	Sep. 17, 1953	4 1/2	1 1/2	231	20	"	P	Topsoil 3; white clay 182; sand gravel 190; soapstone 231.
EDBF Con B	G. Nethercott	W.J. George	Nov. 2, 1953	5	4	150	18	"	D,S	Clay stones 90; quicksand 106; clay 110; quicksand changing from gravel to large stones 150.
WD Con I	S. King	R. McGaffey	Nov. 8, 1954	4				"	D,S	Topsoil 7; blue clay 138; hardpan 146; Dry hole.
WD Con I	"	"	Nov. 17, 1954	4	1	140	70	"	D,S	Sandy topsoil 8; blue clay 140; hardpan 160; gravel 163.
Bayham Twp. Con II lot 25	A. Proenko	G. Warren	May 4, 1954	6 1/2	5	75	70	Sulphur		Topsoil 3; putty sand 17; putty clay 44; blue clay 260; large boulder 262; blue clay 264; sand gravel 266; grey limestone 274. Abandoned.
Con IV	J. Gyemi	"	Aug. 26, 1954	4	3	67	40	Fresh	D,S	Yellow sand 15; grey clay 38; soft clay 60; fine running sand 82.
Con VIII	F. Porter	"	Dec. 13, 1954	4	3	85	70	"	D	Clay 35; yellow sand 75; sand 102.
Con IX	S. Loughlean	E. Hoover	Aug. 11, 1953	5	3	50	50	"	D	Sand 10; red clay 50; blue clay 100; clay stones 140; white sand 145.
Dunwich Twp. Con XII lot 19	H. Bradt	R. Lather	Oct. 7, 1954	4	1	120	100	Fresh	P	Clay 45; hardpan stones 129; sand 132; hardpan stones 145; grey clay 183; hardpan stones 203; pink clay 215; hardpan stones 231; limestone 234.
Malahide Twp. Con IV lot 9	G. Percy	E. Hoover	Dec. 29, 1953	4	2 1/2	100	80	Fresh	D,S	Sand 5; blue clay 65; sand 125; hardpan 155; sand 235; blue clay; 285; black shale 295.

Malahide Twp. cont.	L. Arris H. West	H. Stewart E. Hoover	Dec. 21, 1954 Oct. 24, 1953	6 4	2 3	130 70	45 60	Fresh "	P D, S	Top soil 2; blue clay 42; gravel blue clay 198; fine sand 207. red clay 60; sand 90; sand stones 110; harpau 130; sand 160; grey clay boulders 12; fine grey sand 50; fine grey sand fine gravel 67; fine grey sand coarse gravel 81; grey clay 90. Top soil 2; grey clay 20; fine grey sand very dirty streaks of clay 82; coarse gravel 84; grey clay 90; coarse gravel coarse sand 110; hard cemented fine sand fine gravel 117; hard-packed fine sand fine gravel 121; grey clay 125. Top soil 5; sandy grey clay boulders 30; sand grey clay fine gravel 60; fine grey sand 79; hard clay gravel 131. Top soil 5; brown clay boulders 15; grey clay boulders 33; sandy grey clay fine gravel 56; fine sand very dirty silt 85; grey clay gravel 94; hard cemented gravel 95; hard clay gravel 143. Top soil 4; sandy grey clay 15; fine grey sand 57; fine sand fine gravel 30; grey clay fine gravel 153. Top soil 5; sand grey clay fine gravel 55; fine sand fine gravel 84; 72; fine grey sand fine gravel 80; fine sand fine gravel 84; grey clay fine gravel packed hard 130. Top soil 3; brown clay boulders 11; sandy grey clay 77; soft clay sand gravel 88; coarse sand very dirty gravel 92; clay gravel 120; cemented gravel 122; grey clay fine gravel 130. Top soil 3; brown sandy clay 7; sandy grey clay 21; grey clay gravel 40; coarse gravel sand 44; hard cemented gravel 46; coarse sand gravel 66; hard cemented sand gravel 69; fine sand very dirty fine gravel 78; fine sand hard cemented fine gravel 79; sandy grey clay fine gravel 143. Top soil 7; sandy grey clay 19; very dirty fine grey sand 70; grey clay fine gravel 84; hard cemented fine gravel 86; sandy grey clay fine gravel 92; fine grey sand very dirty fine gravel 97. Top soil 5; coarse grey sand 9; hard cemented fine gravel 70; coarse sand fine gravel 88; grey clay fine gravel 98; very dirty fine gravel grey sand 122; grey clay gravel 132; grey clay 174. Top soil 3; very dirty brown sand 5; grey clay boulders 55; hard cemented sand gravel 75. Red clay 70; sand stones 10; blue clay 140; harpau 200; blue clay 260; sand stones 280; sand 284; shale rock 285. Red clay 60; blue clay 229; gravel 230. Top soil 4; grey clay boulders 31; very dirty fine grey sand 63; quite dirty fine sand fine gravel 80; grey clay fine gravel 122; hard cemented fine grey sand 142; grey clay 153. Top soil 3; brown sandy clay 10; sand grey clay fine gravel 48; grey clay gravel 56; hard cemented grey sand fine gravel 104; very dirty fine grey sand 111; very dirty fine grey sand fine gravel 136; grey clay gravel 154; hard cemented gravel 155; grey clay 164. Abandoned. Top soil 2; brown sandy clay 3; fine grey sand 7; sandy grey clay boulders 45; very dirty fine grey sand fine gravel 50; grey clay fine gravel 102; grey sand fine gravel 146. Top soil 3; sandy grey clay 26; sandy grey clay boulders 38; soft sandy grey clay fine gravel 77; sandy grey clay 89; very dirty grey sand fine gravel 92; grey clay boulders 103; hard grey clay fine gravel 112; hard grey clay 152.
Con VIII	" 14	"	Mar. 16, 1953	2	10	31	31	"	T	Top soil 5; sandy grey sand 79; hard clay gravel 131.
Con VIII	" 15	Aylmer Publ. Utilities Comm.	Mar. 23, 1953	2	10	37	30	"	T	Top soil 5; brown clay boulders 15; grey clay boulders 33; sandy grey clay fine gravel 56; fine sand very dirty silt 85; grey clay gravel 94; hard cemented gravel 95; hard clay gravel 143.
Con VIII	" 16	"	Jun. 22, 1953	2	10	31	31	"	T	Top soil 4; sandy grey clay 15; fine grey sand 57; fine sand fine gravel 30; grey clay fine gravel 153.
Con VIII	" 16	"	Jun. 26, 1953	5 1/2	2	27	30	"	T	Top soil 5; sand grey clay fine gravel 55; fine sand fine gravel 84; 72; fine grey sand fine gravel 80; fine sand fine gravel 84; grey clay fine gravel packed hard 130.
Con VIII	" 16	"	Aug. 25, 1953	2	10	37	30	"	T	Top soil 3; brown clay boulders 11; sandy grey clay 77; soft clay sand gravel 88; coarse sand very dirty gravel 92; clay gravel 120; cemented gravel 122; grey clay fine gravel 130.
Con VIII	" 17	"	May 10, 1953	5 1/2	2	41	30	"	T	Top soil 3; brown sandy clay 7; sandy grey clay 21; grey clay gravel 40; coarse gravel sand 44; hard cemented gravel 46; coarse sand gravel 66; hard cemented sand gravel 69; fine sand very dirty fine gravel 78; fine sand hard cemented fine gravel 79; sandy grey clay fine gravel 143.
Con VIII	" 17	"	Jul. 28, 1953	2	12	27	30	"	T	Top soil 7; sandy grey clay 19; very dirty fine grey sand 70; grey clay fine gravel 84; hard cemented fine gravel 86; sandy grey clay fine gravel 92; fine grey sand very dirty fine gravel 97.
Con VIII	" 17	"	Aug. 20, 1953	5 1/2	2	51	30	"	T	Top soil 5; coarse grey sand 9; hard cemented fine gravel 70; coarse sand fine gravel 88; grey clay fine gravel 98; very dirty fine gravel grey sand 122; grey clay gravel 132; grey clay 174.
Con VIII	" 20	"	Jul. 22, 1953	2	30	18 1/2	30	Fresh	T	Top soil 3; very dirty brown sand 5; grey clay boulders 55; hard cemented sand gravel 75.
Con IX	" 10	H. Martin	Mar. 30, 1953	4 1/2	4	50	40	Sulphur	D, S	Red clay 70; sand stones 10; blue clay 140; harpau 200; blue clay 260; sand stones 280; sand 284; shale rock 285.
Con IX	" 18	B. Anderson	Nov. 1, 1954	5 1/2	5	50	40	Fresh	D, S	Red clay 60; blue clay 229; gravel 230.
Con IX	" 20	Aylmer Publ. Utilities Comm.	Nov. 18, 1954 Jul. 16, 1953	2	5	31	31	"	T	Top soil 4; grey clay boulders 31; very dirty fine grey sand 63; quite dirty fine sand fine gravel 80; grey clay fine gravel 122; hard cemented fine grey sand 142; grey clay 153.
Con IX	" 21	"	Apr. 20, 1953	5 1/2	2	51	30	"	T	Top soil 3; brown sandy clay 10; sand grey clay fine gravel 48; grey clay gravel 56; hard cemented grey sand fine gravel 104; very dirty fine grey sand 111; very dirty fine grey sand fine gravel 136; grey clay gravel 154; hard cemented gravel 155; grey clay 164. Abandoned.
Con IX	" 21	"	Apr. 23, 1953	2	30	5	30	Fresh	T	Top soil 2; brown sandy clay 3; fine grey sand 7; sandy grey clay boulders 45; very dirty fine grey sand fine gravel 50; grey clay fine gravel 102; grey sand fine gravel 146.
Con IX	" 21	"	Apr. 28, 1953	5 1/2	2	51	30	"	T	Top soil 3; sandy grey clay 26; sandy grey clay boulders 38; soft sandy grey clay fine gravel 77; sandy grey clay 89; very dirty grey sand fine gravel 92; grey clay boulders 103; hard grey clay fine gravel 112; hard grey clay 152.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

[illegible]

Con III	lot	9	A. Gall	Hernandez & Son	Dec. 24, 1954	2	7	17	7	D In	D	Top soil 1; yellow sand 17; quicksand 30; sand gravel 88; medium gravel 92; coarse gravel 105; loose limestone 110.
Con III	"	16	M. McKee	C. Laramie	Dec. 10, 1953	6	15	55	10	Slightly	S	Yellow clay 12; brown clay 21; stony clay 55; brown limestone 100.
Con IV	"	4	B. Wilson	Hernandez & Son	Nov. 25, 1953	2	1	20	14	Sulphur	D	Loam 1; blue clay 20; sand 60; gravel sand 90; gravel 103; limestone 117.
Con IV	"	6	H. Reidgr	"	Apr. 27, 1953	2	5	12	17	Fresh	D	Loam 1; yellow clay 17; blue clay 70; sand 86; gravel 88.
Con IV	"	8	H. Papke	"	Apr. 3, 1953	2	5	20	12	Mineral	D, S	Loam 1; yellow clay 16; blue clay 72; sand 88; gravel 90.
Con IV	"	6	E. Griplitt	"	Oct. 28, 1953	3	5	20	15	Fresh	D, S	Loam 1; yellow clay 6; blue clay 60; gravel clay 100; limestone 105.
Con IV	"	11	P. Balak	L. Sundin	May 19, 1953	2	5	15	Flows	"	D, S	Clay 13; stone 23; gravel 93.
Con IV	"	11	K. Redford	D. Sundin	Jun. 17, 1953	2	9	15	6	"	D	Clay 20; sand 25; clay 55; sand gravel 88; grey limestone 92.
Con IV	"	17	G. Ford	"	Jul. 7, 1954	2	2	30	6	"	D	Clay 50; sand 60; gravel 62.
Con IV	"	17	D. Edmonds	"	Oct. 28, 1954	3	2	30	6	Sulphur	D	Clay 35; sand 60; clay hardpan 68; sand 77; shale sand 80; grey limestone 95.
Con V	"	7	D. Warner	Hernandez & Son	Jul. 24, 1954	2	10	14	9	Fresh	D	Top soil 1; yellow clay 15; blue clay 90; quicksand 92; coarse gravel 94; limestone 96.
Con V	"	7	L. Labombard	"	Dec. 15, 1954	2	5	15	9	"	D	Loam 1; red clay 12; blue clay 80; sand 90; limestone 94.
Con V	"	15	G. P. Foley	L. Sundin	Aug. 24, 1954	2	2	20	20	Slightly	D	Clay 50; sand 60; blue clay 65; grey limestone 70.
Con VI	"	1	E. Drouillard	L. J. Leveque	Aug. 28, 1953	2	5	16	16	Fresh	D	Yellow clay 10; blue clay 85; gravel 90; rock 94.
Con VI	"	1	E. Shepley	"	Jun. 23, 1953	2	5	16	16	"	D	Yellow clay 9; blue clay 84; limestone 88.
Con VI	"	4	S. Solus	Hernandez & Son	Oct. 23, 1954	2	5	23	16	"	D	Top soil 1; yellow clay 15; blue clay 75; sand 85; shell rock 80; sandy clay 90; limestone 98.
P.C.	"	42	M. Dragonitch	"	Aug. 29, 1953	2	12	12	7	"	D	Loam 1; yellow clay 9; blue clay 67; limestone 72.
P.C.	"	42	M. Graf	"	Jul. 9, 1954	2	7	11	6	Sulphur	D	Top soil 1; yellow sand 20; quicksand 32; blue clay 77; black shale 79; limestone 82.
P.C.	"	43	F. Burr	"	May 28, 1953	2	9	17	9	Fresh	D	Loam 1; yellow clay 7; blue clay 70; gravel 73; limestone 76.
P.C.	"	43	J. Stomp	"	Jan. 15, 1953	2	5	15	14	Sulphur	In	Black loam sand 21; quicksand 80; limestone 103.
P.C.	"	47	S. Roberts	L. J. Leveque	Jun. 18, 1953	2	5	15	14	Fresh	D	Yellow clay sand 5; blue clay 55; fine sand 79; limestone 82.
P.C.	"	43	O. C. Tingen	D. Sundin	Sep. 26, 1954	4	7	30	3	Sulphur	D	Clay 8; brown clay 30; clay 40; sand clay 73; gravel clay hardpan 77; brown limestone 83.
P.C.	"	49	J. Peters	Hernandez & Son	Jan. 3, 1953	4	3	25	1	Flows	D	Yellow sand 6; quicksand 36; gravel 83.
P.C.	"	49	L. Chomos	D. Sundin	Apr. 23, 1954	3	8	25	1	"	D	Sandy soil 5; clay 35; quicksand 85; sand gravel 87.
P.C.	"	54	Holy Family	Hernandez & Son	Feb. 6, 1953	2	8	20	16	"	D	Yellow sand 17; quicksand 60; sand gravel 106; shell rock 107.
P.C.	"	54	E. King	D. Sundin	Jun. 24, 1953	2	10	20	16	"	D	Sand gravel 120; shale broken rock 121.
P.C.	"	54	A. Butler	"	Oct. 12, 1953	3	3	19	19	"	D	Sandy soil 13; quicksand 20; clay 45; clay sand 80; quicksand 121; grey limestone 122.
P.C.	"	62	J. Hunt	D. Sundin	Jun. 23, 1954	3	8	30	24	Sulphur	D, S	Sandy soil 5; clay 35; grey sand 80; clay sand 90; quicksand 120; gravelly sand 124; dark-grey limestone 126.
P.C.	"	68	J. Pelgar	L. J. Leveque	Jun. 10, 1953	2	6	23	22	Slightly	D	Clay 30; sand clay 40; quicksand 86; grey limestone 97.
P.C.	"	68	F. Gerscher	Hernandez & Son	Nov. 17, 1953	2	15	28	20	Fresh	D	Yellow clay 8; fine sand 98; limestone 104.
P.C.	"	68	C. Jupp	"	Jul. 21, 1954	2	5	35	21	"	D	Loam 1; yellow sand 14; grey sand 40; quicksand 52; blue clay 88; sand 98; limestone 101.
P.C.	"	68	J. Kulkowski	"	Jul. 28, 1954	2	5	21	21	"	D	Top soil 1; yellow sand 20; quicksand 35; blue clay 85; sand gravel 87; shell rock 89; quicksand.
P.C.	"	69	V. Grayner	D. Sundin	May 30, 1953	2	1	70	26	Fresh	D	Top soil 1; yellow clay 23; dry sand 40; blue clay 88; hardpan 94; sand 97; limestone 99.
P.C.	"	70	P. Tremblay	"	May 16, 1953	2	4	23	21	"	D	Clay 10; sand 35; clay sand 80; sand 96; grey limestone 108.
P.C.	"	70	I. Fitzak	L. J. Leveque	Jun. 4, 1953	2	6	22	22	"	D	Clay 10; gravelly sand 38; clay 75; sand clay 92; grey limestone 93.
P.C.	"	70	N. Waters	L. Sundin	Sep. 14, 1953	2	15	26	18	"	D	Yellow clay 10; fine sand 98; limestone 103.
P.C.	"	70	A. Harrison	Hernandez & Son	Nov. 10, 1953	2	15	26	18	"	D	Stone 7; sand 135; rock 156.
P.C.	"	70	F. Williams	"	Mar. 6, 1954	2	3	25	17	"	D	Yellow sand 8; grey sand 18; sand gravel 25; blue clay 85; sand gravel 97; limestone 102.
P.C.	"	70	E. Feldman	"	May 2, 1954	2	4	24	16	"	D, C	Loam 1; yellow sand 12; blue clay sand 60; sandy clay 80; quicksand 100; limestone 102.
P.C.	"	70	D. Cohen	L. J. Leveque	May 16, 1954	2	5	28	24	"	D	Loam 1; clay 6; sand 30; blue clay 80; sand 103; limestone 113.
P.C.	"	70	J. T. Prime	"	Jul. 7, 1954	2	5	25	24	"	D	Yellow clay 8; fine sand 96; limestone 101.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY - Winchester South P.C. cont. lot 71	A. Mousseau	L. Sundin	May 11, 1953	2	6	25	19	Fresh	D	Clay 84; sand 88.
P.C. " 71	G. Paul	Hernandez & Son	May 12, 1953	2	6	25	21	"	D	Yellow sand 10; light grey sandy gravel 30; grey quicksand 60; coarse sharp gravel 80; fine gravel 83; limestone 91.
P.C. " 71	G. Lucida	"	May 18, 1953	2	5	32	26	"	D	Loam 1; yellow clay 8; blue clay 16; sand 70; gravel clay 89; sand 95; limestone 98.
P.C. " 71	P. Amerman	L. Sundin	Jun. 23, 1953	2	5	32	18	"	D	Dry sand 33; clay 80; sand 86; rock 95.
P.C. " 71	O. Farriss	"	Jul. 21, 1953	2	5	32	13	"	D	Dry sand 38; sand gravel 88; rock 95.
P.C. " 71	H. Rogers	Hernandez & Son	Sep. 7, 1953	3	12	32	22	"	D	Loam 1; yellow clay 8; yellow sand 17; grey sand 30; quicksand 40; blue clay 40; sand gravel 98; limestone 102; hardpan 99; grey limestone 110.
P.C. " 71	W. Shepley	D. Sundin	Mar. 22, 1954	3	5	26	23	"	D	Black soil clay 35; sand clay 70; quicksand 80; hardpan 99; grey limestone 110.
P.C. " 71	H. Ferris	L. Sundin	Sep. 20, 1954	2	5	5	22	"	D	Clay 30; sand 65; clay 75; sand 91; rock 93.
P.C. " 71	L. Rayner	D. Sundin	Nov. 25, 1954	2	5	5	22	"	D	Clay 25; fine sand 123; shale rock 125; sand clay 127; grey limestone 157. Dry hole.
P.C. " 72	E. Wright	L. J. Leveque	Jul. 15, 1953	2	3	35	22	"	D	Fine sand 103; limestone 111; granite rock 115.
P.C. " 74	L. S. Sunley	D. Sundin	Aug. 27, 1953	2	17	9	9	"	D	Clay 15; sand 20; clay 50; sand 75; clay sand 80; gravel 84.
P.C. " 76	C. L. Martin	L. Sundin	Jul. 13, 1954	2	4	8	8	"	D	Dug well 12; sand 94; rock.
P.C. " 80	T. K. Bibb	D. Sundin	Sep. 19, 1953	3	6	7	7	"	D	Clay 8; yellow sand 10; gravelly sand 15; quicksand 72; gravel hardpan 74; grey limestone 81.
P.C. " 87	J. H. Cornwell	L. Sundin	Sep. 10, 1954	2	5	22	11	"	D	Clay 7; sand 82; gravel 86.
P.C. " 87	P. J. Kappen	L. J. Leveque	Jun. 7, 1954	2	5	5	4	"	D	Yellow clay 6; blue clay 16; fine sand 70; limestone 74.
P.C. " 90	C. E. Ellis	Hernandez & Son	Jun. 5, 1954	2	4	24	2	"	D	Loam 1; yellow clay 6; blue clay 55; sand gravel 61; shale 64; limestone 80.
P.C. " 91	R. Leonard	"	Jun. 2, 1954	2	10	5	1 1/2	"	D	Top soil 1; yellow clay 20; blue clay 58; quicksand 63; blue clay 74; limestone 78.
P.C. " 91	J. E. Worrell	"	Mar. 27, 1954	2	5	15	1 1/2	"	D	Red clay 9; blue clay 35; stones boulders 37; blue clay 55; blue clay stones 57; gravelly clay 63; sand gravel 66; limestone 78.
P.C. " 92	W. Russelo	L. Sundin	Jun. 29, 1953	2	5	20	3	"	D	Clay 60; sand 66; rock 75.
P.C. " 92	N. Bondy	Hernandez & Son	Feb. 8, 1954	2	6	14	14	"	D	Loam 1; yellow clay 26; blue clay 73; limestone 75.
P.C. " 93	A. J. Dillard	D. Sundin	Jul. 4, 1953	2	10	15	15	"	D	Sandy soil 3; clay 55; gravelly sand 58; gravel hardpan 59.
P.C. " 93	C. Chittle	L. Sundin	Jul. 8, 1953	2	3	4	4	"	D	Clay 70; sand 72; rock 82.
P.C. " 93	B. Evans	"	Jul. 30, 1953	2	3	5	2 1/2	"	D	Clay 66; sand 68; rock 75.
P.C. " 93	D. Stothard	"	Oct. 6, 1953	2	5	5	5	"	D	Yellow clay 65; sand 67; limestone 76.
P.C. " 93	C. Gibb	D. Sundin	Oct. 30, 1953	2	10	5	1	"	D	Clay 35; gravel 61.
P.C. " 93	E. Arner	Hernandez & Son	Sep. 21, 1954	2	5	15	8	"	D	Loam 1; red stony clay 7; blue stony clay 55; sandy blue clay 75; limestone 77.
P.C. " 93	D. Phillips	L. J. Leveque	Oct. 15, 1954	2	5	12	6	"	D	Yellow clay 7; blue clay 54; gravel 70; limestone 74.
P.C. " 93	A. C. Fairchild	Hernandez & Son	Nov. 3, 1954	2	5	15	6	"	D	Loam 1; red clay 9; stony blue clay 65; shell limest. 68; sand gravel clay 74; loose limestone 77.
P.C. " 94	S. J. Cochrane	L. Sundin	Jun. 11, 1953	2	5	3	6	"	D	Clay 74; limestone cutting 76.
P.C. " 94	T. Doherty	"	Jul. 13, 1953	2	3	8	6	"	D	Clay 74; sand 76; rock 80.
P.C. " 94	O. Levegood	Hernandez & Son	Apr. 3, 1954	2	3	15	8	"	D, S	Top soil 1; yellow clay 20; blue clay 70; fine sand 71; sandstone 78; limestone 83.
P.C. " 94	J. Smith	"	Sep. 16, 1954	2	5	15	6	"	D	Loam 1; red clay 10; blue clay 55; sand 62; shale 75; limestone 77.
P.C. " 94	"	"	Sep. 17, 1954	2	6	15	7	"	D	Top soil 1; stony red clay 12; stony blue clay 60; blue clay 70; fine sand limestone 80; limestone 93.
P.C. " 94	"	"	Sep. 18, 1954	2	6	15	7	"	D	Loam 1; stony red clay 12; blue clay 57; sand 65; loose limest. 75.
P.C. " 94	"	"	Nov. 26, 1954	2	4	15	7	"	D	Top soil 1; red clay 7; blue clay 65; sand 75; loose limest. 77.
P.C. " 95	R. Ferguson	D. Sundin	Apr. 9, 1953	2	4	20	Flows	"	D	Clay 35; gravel sand 60; grey limestone 70.

ESSEX COUNTY-continued
Colchester South

IND. cont.	1st 95	B.W.McKeen	D.Sundin	May 2, 1953	2	8	10	5	Fresh	D	Clay 67;sand gravel 70;rock
F.C.	"	F.C.	"	May 9, 1953	2	3	25	1	"	D	Clay 55;sand 72;grey limestone 74.
F.C.	"	F.C.	"	Jul. 1, 1953	2	3	25	1	"	D	Clay 49;hardpan 54;clay sand 59;gravelly sand 61;grey linest. 70.
F.C.	"	F.C.	Hernandez & Son	May 28, 1954	2	3	30	12	"	C	Top soil 1;yellow clay 20;stony blue clay 59;quicksand 76; limestone 88.
F.C.	"	F.C.	L.J.Leveque	Sep. 7, 1954	2	6	10	4	"	D	Fine sand 10;gravel sand 78;limestone 81.
F.C.	"	F.C.	D.Sundin	Sep. 4, 1953	2	3		18	"	D	Clay 18;quicksand 110;clay hardpan 123;quicksand 125;grey limestone 129.
F.C.	"	F.C.	"	Mar. 11, 1953	2	3		22	"	D	Clay 75;quicksand 85;clay 90;quicksand 112;clay hardpan 126;gravelly sand 130.
F.C.	"	F.C.	Hernandez & Son	Jul. 22, 1953	2	12	55	35	"	D	Black loam 1;red clay 7;blue clay 48;mixed sand clay 102; blue clay 120;limestone 126.
F.C.	"	F.C.	D.Sundin	Feb. 12, 1953	2	2 1/2		0	Slightly	D	Clay 97;sand 101;grey limestone 109.
F.C.	"	F.C.	L.J.Leveque	Jul. 9, 1953	2	3	18	18	Sulphur	D	Yellow clay 10;blue clay 104;fine sand 114;limestone 118.
F.C.	"	F.C.	D.Sundin	Sep. 29, 1953	2	3		6	"	D	Clay 80;sand 103;limestone 105.
F.C.	"	F.C.	"	Sep. 29, 1953	2	3		6	Fresh	D	Clay 80;sand 102;rock 109.
F.C.	"	F.C.	Hernandez & Son	Jun. 17, 1953	2	10	22	18	"	D	Loam 1;yellow clay 12;blue clay 90;fine sand 112;gravel 116 1/2.
F.C.	"	F.C.	L.Sundin	Oct. 16, 1954	2	5		7	"	D	Red sand 8;fine sand 90;clay 110;sand 115;rock 113.
F.C.	"	F.C.	Hernandez & Son	Oct. 23, 1953	2	18	16	10	"	D	Loam 1;yellow sand 13;grey quicksand 55;clay 73;gravel 73 1/2; sand 90;gravelly clay 117;grey linest. 120;black stone 122; brown stone 123.
F.C.	"	F.C.	Dom.ScienceLab	Oct. 8, 1954	10	80	28	14	"	Ir	Top soil 1;yellow sand 14;sandy gravel 30.
F.C.	"	F.C.	A.Atfleck	Feb. 4, 1954	2	20	22	16	"	D	Black earth 1;yellow clay 40;blue clay 60;quicksand 110; snail 115;shell rock 118;limestone 128.
F.C.	"	F.C.	J.A.Murray	Jun. 3, 1953	2	40	15	7	"	D	Sand 7;fine sand 12;clay 15;fine sand 120;rock 122.
F.C.	"	F.C.	A.Herniman	Jul. 21, 1954	2	2			"	T	Top soil 2;yellow clay 1;stony blue clay 30;sand gravel 40;blue clay 68;quicksand 101;coarse gravel 106.
F.C.	"	F.C.	"	Oct. 1, 1954	7	65	95	7	"	Ir	Loam 1;red clay 6;blue clay 28;sandy clay 56;hardpan 62; blue clay 85;sand 99;gravel 106 1/2.
F.C.	"	F.C.	"	Oct. 18, 1954	2	8	15	Flows	"	D	Top soil 1;blue clay 16;quicksand 90;sand 98;gravel 100.
Gosfield North Two.	Con VI	E. Ross	J.Sundin	Aug. 9, 1954	2	33	20	16	Fresh	D	Clay 55;gravel sand 60;fine sand 103;gravel sand 110.
Con VI	lot 5	J. Shura	M.Abbott	Aug. 30, 1954	3	15	9		Sulphur	D	Clay 8;sand gravel 10;blue clay 70;quicksand 78;gravelly clay 85;quicksand 90;grey rock 96.
Con VII	"	A. Nason	M.J.Williams	Aug. 24, 1954	3	17	20	3	Fresh	D	Clay 50;sand 120;gravel 122.
Con VII	"	H. Taylor	D.Sundin	Aug. 20, 1954	2	4	19		"	D	Clay 42;sand 44;clay 74;gravel 80;clay 87;gravel sand 96.
Con VII	"	Hell Bros.	Hell Bros.	May 4, 1954	2	1 1/2	35		Sulphur	D	Clay 20;blue clay 70;sand 75;blue clay 115;sand 122;soapstone 150
Con VII	"	E. Collins	Hernandez & Son	Nov. 13, 1954	2	5	15	8	Fresh	D	Loam 1;yellow sand 8;quicksand 50;gravel 57.
Con VIII	"	J. Will	M.J.Williams	Oct. 28, 1953	3	5	Flows	Flows	"	D	Sand 5;clay 8;sand hardpan 88.
Con IX	"	H. Graves	W.J.Johnson	Apr. 24, 1953	2		Flows	Flows	"	D	Dark clay 3;red clay 13;blue clay 63;fine sand 73;clay 98; med.sand 103;rock 130.
Con X	"	D. Nelson	W.C.Johnson	Feb. 27, 1953	2	1	15	12	"	D	Sand 8;clay 90;sand 104;rock 108.
Con XI	"	A. Elias	Hicks & Hawkes	Oct. 5, 1954	3	6	25	22	"	D	Previously drilled 103;sand 120;dark grey rock 127.
Con XI	"	A. Knight	F.Hunter	Jul. 9, 1953	3	5	28	28	Sulphur	D	Blue clay 106;flint 109.
TRN	"	V. Simard	M.Abbott	Jul. 1, 1954	2	5	15	10	Slightly Sulphur	D	Gravel 6;blue clay 24;sandy clay 66;quicksand 70;gravelly sand 87;limestone 92 1/2.
TRN	"	H. Scott	P.Hunter	Dec. 3, 1953	3	5	15	10	Fresh	D	Blue clay 55;fine sand 90;gravel 94.
TRN	"	H. Scott	G.M.Sundin	Apr. 8, 1953	3	3	18	9	"	C	Gravel 9;clay 50;quicksand 114;gravel 114 1/2.
TRN	"	W. Chambers	P.Hunter	Oct. 23, 1953	3	5	21	21	"	D	Blue clay 90;quicksand 126;flint 128.
TRN	"	W. Leveque	"	Sep. 13, 1954	2	5	23		"	D	Blue clay 115;fine sand 119;flint 121.
TRN	"	D. Queen	W.C.Johnson	Jan. 20, 1953	2	2		131	"	D	Clay 60;sand gravel 68;clay stone 115;rock 118;sand stone 128;sandstone 131.
TRN	"	K. Newman	M.Abbott	Sep. 10, 1953	2	1	120	14	"	D	Clay 40;quicksand 42;gravelly clay 90;quicksand 124;hard rock 140
TRN	"	F. Gregg	F.Hunter	Oct. 13, 1953	3 1/2	5	35	35	"	D	Blue clay 100;fine sand 121;flint 130.
TRN	"	E. Jackson	"	Apr. 23, 1954	3	5	21	21	"	D	Blue clay 105;sand 123;flint 126.

1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY-cont. Gosfield North										
Wp.cent.	H. Newman	D.Sundin	Jul.30,1954	3	5	30	16	Fresh	D	Clay 8';sand clay 110';gravel sand 114';gravel sand stones 117.
TWN	School S-15	P.Hunter	Nov. 9,1954	3 1/2	5	42	42	"	P	Blue clay 115';fine sand 124';flint 127.
TWN	A.Lapointe	"	Feb.24,1953	3	5	42	42	"	D	Gravel 2';blue clay 150';gravel 131.
TWN	A.Prince	"	Jul.16,1954	3 1/2	5	42	42	"	D	Blue clay 130;sand 131';flint 133.
TWN	C.Jackson	"	Jul. 1,1953	3	5	53	53	"	D	Blue clay 126';fine sand 134';flint 140.
TWN	Essexreeders	N.J.Williams	Sep. 1,1953	3	8	40	32	Sulphur	S	Clay 112';hardpan 124';limestone 127.
TWN	P.Bonsbury	P.Hunter	Dec. 2,1954	3	5	60	46	Fresh	D	Gravel 10';blue clay 100';fine sand 134';flint 136.
TWN	L.Cole	"	Sep.23,1953	3 1/2	5	49	49	Mineral	D	Blue clay 100;sand gravel 128';flint 131.
TWN	A.Bennett	Heil Bros.	Aug.30,1954	4	2	50	50	Fresh	D	Clay 60;sand 65;blue clay 100;gravel 105;clay 122;snaile 124;gravel 129;grey rock 131.
TWN	M.Burstyn	P.Hunter	Oct.29,1953	3 1/2	5	50	50	"	D	Blue clay 114';fine sand 116';flint 119.
THS	G.Fittapice	"	Sep.21,1954	4	5	15	15	Sulphur	D	Blue clay 50;sand 86';flint 92.
THS	M.Scratch	M.Abbott	Jun.22,1953	2	2	20	5	Fresh	D	Clay 7';blue clay 60;clay gravel 80;quicksand clay gravel 92;rock 93.
THS	J.Hillson	P.Hunter	Jul. 6,1953	3	5	12	12	"	D	Blue clay 63;gravel 66.
THS	A.Robinson	D.Sundin	Oct.21,1954	3	15	30	5	"	D	Clay 10;sand clay 30;gravelly sand 48;gravel clay hardpan 56';fine sand 80;gravel 83.
THS	CottamBaptist Church	P.Hunter	Apr. 6,1953	3	5	35	35	"	P	Blue clay 110;stones sandy clay 132;flint 135.
THS	MunicipalBldg.	"	Mar.30,1953	3	5	35	35	"	P	Blue clay 110;stones sand 132;snaile 133;flint 158.
THS	M.Jammon	"	Sep. 3,1954	2	5	60	42	"	D	Blue clay 120;fine sand 127;flint 129.
THS	A.Kassex	W.C.Johnson	Aug.13,1953	2	8	39	35	"	D,C	Sand 12;clay 100;sand rock 125;clay 131;sand 144;rock 148.
THS	J.Folster	P.Hunter	Sep.30,1953	3 1/2	5	37	37	"	D	Blue clay 120;stones sand 131;flint 134.
THS	K.Hills	"	Nov.12,1954	3 1/2	5	36	36	"	D	Blue clay 117;sandy gravel 139;flint 141.
THS	A.Cowan	"	Aug.19,1953	3	5	60	60	"	D	Gravel 10;Blue clay 530;fine sand 136.
THS	G.Zaverfny	"	Sep.17,1953	3 1/2	5	53	50	Mineral	D	Blue clay 100;fine sand 129;flint 134.
THS	H.Wells	"	Jun.24,1954	3 1/2	5	60	45	Fresh	D	Blue clay 110;sand 160;flint 131.
THS	W.E.Russell	"	Nov.18,1953	3 1/2	5	50	50	"	D,S	Gravel 10;blue clay 128;flint 134.
Gosfield South Twp.										
Con II lot 2	S.Thorre	G.M.Sundin	Aug. 9,1954	3	6	24	14	Fresh	D,S	Clay 50;sand 103;dark shale 114.
Con II	J.Barnett	"	Nov.18,1953	3	6	14	14	"	D,S	Clay 44;quicksand 116;snaile 117;sand 120;very fine sand 126;rock 133.
Con II	"	"	May 27,1954	3	7	8	8	"	D,S	Old well 22;mixed fine sand clay 120;grey shale 126;fine sand 130;limestone 131.
Con II	A.Repko	D.Sundin	Nov.19,1953	4	2 1/2	60	15	Slightly Sulphur	D,S	Clay 30;sand 50;clay 70;sand 83;grey limestone 140.
Con II	"	"	Aug.27,1954	4	2 1/2	60	15	"	D,S	Previously drilled 140;grey limestone 175.
Con II	P.Wenzler	M.J.Williams	Jan.25,1953	8	67	18	12	Fresh	Ir	Sand 12;quicksand 25;clay 45;quicksand 48;sand clay hardpan 135;limestone 186.
Con II	H.Peterson	C.Laramie	Sep. 6,1954	8	42	150	24	"	"	Soil 3;stones gravel 5;sand 15;hard sharp sand 102;sandy clay 120;quicksand 135;hardpan 140;sand 145;snaile 149;brown limest. 159;coarse grey limest.190;brown and white limest.215;brown limest.250;grey limest.275;dark brown and white limest.330;brown limest.425;white quartz 426;hard brown limest.445;brown sandstone 470;hard brown limest.475;Abandoned.
Con II	H.Peterson	C.Laramie	Sep.20,1954	8	20	180	20	Fresh	"	Soil 4;flimest. shell 5;sand 20;quicksand 40;white sand 130;blue clay 140;dirty gravel sand 142;quicksand 155;sandstone 175;brown limest.200;Abandoned.
Con II	"	"	Sep.28,1954	8	170	35	20	"	Ir	White sand 5;hardpan 20;blue clay 40;sandy clay 45;quicksand 130;sandy clay 139;coarse gravel 140.

Gosfield South																		
Twp. cont.			1st	9	R. Clifford	M.J. Williams	Oct. 4, 1953	4	15	30	21	Fresh	D	Sand 155; sandstone 155 $\frac{1}{2}$.				
Con II	Con II	"	9	A. Duquette	D. Sundin	Jan. 29, 1954	3	15	20	17	"	"	D	Yellow sand 7; blue clay 35; quicksand 108; clay gravel hardpan 130; gravel sand 134; clay gravel hardpan 139; grey limestone 141.				
Con II	Con II	"	9	Ruthven United Church	Heil Bros.	Oct. 12, 1954	2 $\frac{1}{2}$	2 $\frac{1}{2}$	25	23	"	"	D	Red sand 7; sand gravel 18; stones 18 $\frac{1}{2}$; sand 39; stones 40; sand 80; gravel 82; sand blue clay 83; sand 112; gravel 113; sand 140; hardpan 141; sand gravel 146.				
Con II	Con II	"	10	L. Kral	C. Warren	Jan. 15, 1953	4	10	52	43	"	"	D, in	Sand gravel thin clay streaks 157; sandy limestone 167.				
Con II	Con II	"	10	E. Fox	C. Laramie	Jan. 25, 1954	6	20	110	30	"	"	In	Sand 16; limestone 19; hardpan 26; side stone 29; blue clay 50; soft soupy clay 72; hardpan 90; soft blue clay 125; red clay 146; sand 147; light brown limestone 150; sandstone 17 $\frac{1}{2}$; brown limestone 180.				
Con II	Con II	"	10	School	D. Sundin	Aug. 28, 1954	4	4	60	26	"	"	P	Gravel 7; clay stones 45; fine sand 112; clay gravel hardpan 135; clay sand 142; grey limestone 170.				
Con II	Con II	"	12	R. Janzen	M.J. Williams	Jan. 30, 1954	3	12	60	40	"	"	D	Sand clay 162; limestone 177.				
Con III	Con III	"	C	O. Breault	G.M. Sundin	Jan. 23, 1953	2	3	50	18	"	"	D	Clay 64; fine sand 93.				
Con III	Con III	"	K	W. Kennedy	M. Abbott	Oct. 16, 1954	2	7	20	12	"	"	D	Dug well 20; clay 39; quicksand 44; clay gravel 80; quicksand 113; hardpan 120.				
Con III	Con III	"	L	E. Taylor	"	Sep. 30, 1954	2	5	15	10	"	"	D, S	Dug well 20; clay hardpan 25; clay gravel 60; quicksand 70; clay gravel 105; quicksand 113; shale 126.				
Con III	Con III	"	M	A. Besant	G.M. Sundin	Nov. 30, 1953	2	4	15	15	"	"	D	Clay 26; quicksand 115; rock 125.				
Con III	Con III	"	M	H.E. Boggs	D. Sundin	Feb. 25, 1954	3	15	20	6	"	"	D	Sandy soil 2; clay 23; fine sand 70; clay 90; fine sand 105; clay hardpan 110; medium sand 113; limestone 118.				
Con III	Con III	"	M	J. Frei	M. Abbott	Aug. 19, 1954	3	6	12	4 $\frac{1}{2}$	"	"	D	Fine sand 12; hardpan 31; blue clay 70; clay gravel 95; quicksand 111; limestone 113.				
Con III	Con III	"	M	R. Sanford	L.G. Campbell	Dec. 1, 1954	3							Clay 4; fine yellow sand 7; blue clay 70; stony blue clay 116; fine dirty sand 118; grey limestone 127; brown limestone 129; hard grey limestone 132; medium grey limestone 133; hard grey limestone 138; soft grey limestone 140. Dry hole.				
Con III	Con III	"	M	"	"	Dec. 15, 1954	3	1	110	8	Fresh	D	Clay 4; fine yellow sand 7; blue clay 60; quicksand 63; stony blue clay 116; dirty fine sand 118; brown limestone 127; soft grey limestone 128; hard grey limestone 130.					
Con III	Con III	"	I	J. Berg	Hernandez & Son	Oct. 8, 1953	3	2 $\frac{1}{2}$	25	4	Fresh	Ir, In	Loam 1; yellow clay 4; blue clay 72; gravel 74; mixed fine sand clay 95; limestone 102 $\frac{1}{2}$.					
Con III	Con III	"	7	P. Sutoris	C. Laramie	Apr. 22, 1953	6	2 $\frac{1}{2}$	25	4	Fresh	Ir, In	Surface 3; blue clay 11; sandy clay 20; quicksand 92; blue clay 104; gravel clay sand 103; hardpan 119; limestone 120; fine sand clay 127; shale 129; brown limestone 131 $\frac{1}{2}$.					
Con III	Con III	"	8	J. Riska	"	Oct. 8, 1953	6	40	60	12	"	D, Ir	Sand 6; blue clay 35; sandy clay 70; quicksand 135; hardpan 140; brown limestone 145; sandstone 180; brown limestone 208; small vein dark-brown limestone 209; brown limestone 223.					
Con III	Con III	"	9	G. Dzvirka	"	Oct. 10, 1954	6	50	70	44	"	Ir, In	Sand 40; sand clay 55; fine quicksand 126; blue clay 151; hard limestone 153.					
Con IV	Con IV	"	11	J. Slater	"	Jan. 7, 1954	6	5	14	11	"	D	Dug well 16; soft blue clay 48; hardpan 70; gravel sand 90; quicksand 92; brown limestone 94.					
Con IV	Con IV	"	12	J. Berg	"	Jan. 4, 1954	6	50	23	13	Fresh	D, S	Yellow clay 15; blue clay 35; stones 37; sandy clay 55; hardpan 62; gravel sand 64.					
Con IV	Con IV	"	20	A.G. Fox	"	Sep. 15, 1953	8	400	75	25	"	Ir	Topsoil 3; gravel 7; sand 35; sandy clay 50; quicksand 110; hardpan 123; quicksand 124; hard limestone shell 125; coarse quicksand 126; brown limestone 135.					
Con IV	Con IV	"	20	"	"	Sep. 28, 1953	8	60	75	20	"	Ir	Gravel 8; sand 35; hard blue clay 60; quicksand 107; blue clay 109; very hard limestone shell 112; quicksand 113; brown limestone 255.					
Con IV	Con IV	"	20	J. Milnik	"	Apr. 20, 1954	6	100	120	30	"	D, Ir	Sand 30; stony blue clay 50; quicksand 100; soft blue clay 120; hardpan 122; sand 124; hard brown limestone 145.					
Con IV	Con IV	"	21	J. Siy	"	Jul. 28, 1953	6	25	80	50	"	Ir	Dug well 16; sand 60; sandy clay 70; quicksand 160; hardpan 165; hard shell rock 167; quicksand 170; shale 173; brown limestone 176.					
Con IV	Con IV	"	22	G. Whaley	"	Oct. 15, 1954	6 $\frac{1}{2}$	1	210	75	"	T	Sand 10; quicksand 16; blue clay 55; gravelly hardpan 120; fine sand 179; hardpan 186; fine sand 187; brown limestone 195; sandstone 230; brown limestone 240.					

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSX COUNTY-cont. Gosfield South Twp.-cont.										
Con V " 10	I. Augustine	C. Laramie	Jan. 14, 1953	6 1/2	5	24	15	Fresh	D, S	Clay 3; hardpan 30; blue clay clay stones 64; sand gravel 69.
Con V " 11	M. Gittelau	A. Abbott	Sep. 25, 1953	2	5	73	7	Sulphur	D, S	Clay 1; blue clay 43; quicksand 43; gravelly clay 74; quicksand 82; medium rock 35.
Con V " 12	G. Stevenson	"	Oct. 9, 1953	2	7	11	7	Slightly Sulphur	D	Clay 1; blue clay 27; quicksand 50; clay 63; sand gravel 81; limestone 31.
Con V " 12	C. DePelsmecker	"	Oct. 15, 1953	2	5	12	7	"	D	Clay 1; blue clay 35; gravelly sand 73; quicksand gravel 78; rock 78 1/2.
Con V " 12	R. Patterson	"	May 11, 1954	2	6	7	3 1/2	"	D, S	Clay 24; gravelly sand 50; clay 64; quicksand 80; gravel 85; hard grey rock 87.
Con V " 12	R. Powell	"	May 14, 1954	2	5	9	3	"	D	Clay 30; gravelly sand 50; clay 65; quicksand 80; gravel 85; rock 88.
Con V " 21	K. Haggith	C. Laramie	Oct. 14, 1953	6	20	100	60	Fresh	D, Ir	Sand 9; sharp sand 39; blue clay sand 90; sandy sand 139; quicksand 155; sandy clay 165; hardpan 172; soupy sand 173; whitish brown limestone 225.
Con V " 21	H. Janzen	K. J. Williams	Feb. 25, 1954	4	8	110	43	"	D, S	Blue clay 50; sand blue clay 159; limestone 179.
Con V " 23	J. Sharp	"	Jul. 12, 1953	8	20	200	17	"	"	Sand clay 26; limestone 400. Not enough water.
P.C. E.D. " 3	A. Cook	C. Laramie	Mar. 12, 1954	6	5	27	12	"	P, In Ir	Yellow sand 80; blue clay 22; quicksand 55; blue clay 60; brown lime- stone 85; grey limestone 110; brown limestone 125; grey limestone 160; coarse dark brown limestone 183; grey and brown limestone 186; water gassy. lime. quicksand 73; brown limestone 85; grey limestone 93; brown lime. 110; grey limestone 115; hard limestone 120; soft grey limestone 125; hard limestone 145; dark-brown limestone 145; dark-brown and grey lime. 160; soft dark-brown limestone 170; crystal silica 174; very hard brown limestone 180; soft grey limestone 210; soft dark-brown lime. 214; hard light-brown limestone 225; soft dark-brown limestone 250; very hard brown limestone 255; med. brown and grey limestone 273; hard grey sandstone 295; hard brown limestone 330; black and white lime. 331; hard light brown limestone 360; grey limestone 380; hard grey and brown limestone 390; very hard brown limestone 405; soft brown limestone 410.
P.C. E.D. " 4	H. Remark	"	Feb. 21, 1953	10	35	120	18 1/2	Slightly Sulphur	In, Ir	Gravel 10; blue clay 30; fine sand 61; flint 87. Dug well 14; quicksand 17; clay 57; rock 99. Water contains gas. Topsoil 4; blue clay 67; shale 69. Dug well 12; blue clay 62; limestone 65; sand 63; lime. 73; brown lime. 85.
P.C. E.D. " 5	G. Grasze	P. Hunter	Nov. 5, 1953	3	5	85	35	Fresh	D	Topsoil 5; sand 15; blue clay 102; brown limestone 105. Water contains gas.
P.C. E.D. " 6	E. E. Howe	G. M. Sundin	Oct. 13, 1953	3	60	40	30	Mineral	In	Sand 6; stony blue clay 50; quicksand 115; hardpan 130; brown lime- stone 155; hard brown limestone 182.
P.C. E.D. " 6	D. Denhart	C. Laramie	Nov. 3, 1953	8	60	40	18	Sulphur	Ir In	Sand 150; stony hardpan 160; quicksand shale 162; brown limestone 236. Clay 15; blue clay 75; sand 128; flint 134.
P.C. E.D. " 6	K. Brown	"	Jun. 1, 1954	4	7	61	41	Fresh	D	Sand 4; stony blue clay 115; sand 119; brown limestone 121. Sand 4; clay 40; hard clay 44; sand 45. Sand clay 140; hard sand 150; limestone 200.
P.C. E.D. " 8	H. Sellers	"	Oct. 4, 1953	6	150	100	50	Mineral	D, S	Yellow clay 20; sand 30; stony sandy clay 60; quicksand 90; red hardpan 92; fine sand and shale 101; brown limestone 110.
P.C. E.D. " 9	A. Gunning	"	Apr. 2, 1954	6	10	21	11	Fresh	P, In	Clay 15; quicksand 90; gravelly sand 99; grey limestone 101. Clay 25; sand 105; rock 109.
P.C. E.D. " 10	E. Fox	"	Jul. 18, 1953	6	150	100	35	Mineral	Ir	Topsoil 18; clay 54; fine sand 58; rock 62. Clay 12; blue clay 70; sand 73; shale 77; limestone 79.
P.C. E.D. " 12	B. Webster	P. Hunter	Apr. 27, 1953	4	5	29	29	Fresh	D, S	
P.C. E.D. " 12	A. Cornich	C. Laramie	Mar. 26, 1954	6	67	70	40	"	Ir In	
P.C. E.D. " 13	P. Thresher	M. J. Williams	Feb. 4, 1954	4	8	10	Flows	"	D	
P.C. E.D. " 13	H. MacDonald	"	Aug. 14, 1954	8	58	150	40	"	Ir	
P.C. W.D. " 2	R. Smith	C. Laramie	May 22, 1954	4	25	25	18	"	D	
P.C. W.D. " 2	J. Klassen	D. Sundin	Sep. 14, 1954	3	15	30	14	"	D	
P.C. W.D. " 2	G. Creasor	G. M. Sundin	Dec. 6, 1954	3	10	20	12	"	D	
P.C. W.D. " 7	E. Nixon	"	Mar. 14, 1953	2	8	15	6	"	D	
P.C. W.D. " 7	S. Calatti	Hernandez & Son	Oct. 31, 1953	2	18	22	18	"	D	

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY-cont.										
Harrow	W. Clark Ltd.	Dom. Drilling & Equipment Ltd.	May 27, 1954	3			0	Fresh	"	Sand loam clay 7; hard clay stones 49 1/3; very fine sand 88; coarse sand 98; rock 99.
Harrow	J. Wenger	D. Sardin	Jun. 16, 1954	3 1/2	5	30	7	Slightly Sulphur	In	Clay 80; quicksand 103; gravel sand 108; grey limestone 149.
Harrow	J. Brush	Hernandez & Son	Jun. 18, 1954	2	6	15	8	"	"	Black loam 1; yellow clay 14; blue clay 55; sand 100; granite 104.
Harrow	W. Clark Ltd.	Dom. Drilling & Equipment Co.	Aug. 28, 1954	20	260	19	1 1/2	Fresh	In	Clay sand 23; quicksand 67; coarse sand 92; gravel sand 100; rock.
Harrow	A. Ditzend	Hernandez & Son	Oct. 29, 1954	2	6	20	13	"	"	Red clay 16; quicksand 100; gravel 105.
Harrow	P. Kah	"	Nov. 9, 1954	2	5	15	9	"	"	Top soil 1; yellow clay 7; blue clay 55; quicksand 105; sand 115; loose limestone 119.
Harrow	S. Greenham	"	Nov. 11, 1954	2	6	8	Flows	"	"	Top soil 1; red clay 7; blue clay 22; quicksand 50; coarse sand 63; sand gravel 67.
Leamington	D. Easw	N. J. Williams	Sep. 10, 1953	4	17	35	28	Fresh	In	Red sand 5; quicksand 15; clay 65; sand 114; limestone 131.
Maldstone Twp.										
BHW Con IV lot 16	D. MacRae	D. MacRae	Apr. 1, 1954	2				Slightly Sulphur	"	Top soil 1; yellow clay 7; blue clay 60; sand 67; blue clay 140; grey limestone 155. Dry hole.
BHW Con IV " 16	"	"	Aug. 1, 1954	2	3	25	11	"	"	Black dirt 1; yellow clay 13; blue clay 126; sandy clay 129.
BHW Con VII " 18	F. Renaud	Heil Bros	Jun. 5, 1954	2	14	14	14	Fresh	"	Clay 19; blue clay 80; fine sand 89; grey limestone 97.
RRN " 5	E. Markham	F. Hunter	Feb. 14, 1953	3	5	50	31	"	"	Blue clay 11; flint 123.
RRN " 10	H. Walpole	"	Apr. 15, 1953	3	5	31	31	"	"	Blue clay 95; flint 100.
RRN " 13	A. Watt	F. Hunter	Sep. 3, 1953	3	5	50	25	"	"	Blue clay 92; flint rock 145.
POE " 10	L. Melon	H. LeClaire	Dec. 1, 1953	3	2 1/2	59	9	Slightly Sulphur	"	Sandy top clay 10; blue clay 90; fine sand blue clay 114; fine sand 116.
PCV " 9	G. Lamb	"	Oct. 16, 1954	3	8	60	15	Slightly Sulphur	"	Top soil 2; dark-blue clay 108; black sand 110; hard limestone 166.
TRN " 285	D. Horn	Heil Bros.	Sep. 15, 1954	2 1/2	2	85	81	Fresh	"	Clay 30; sand 53; blue clay 70; gravel 80; clay 110; gravel 115; hardpan 113; clay 124; gravel 125; dark rock 125.
TRN " 285	A. Hayes	"	Sep. 24, 1954	2 1/2	2	82	82	Sulphur	"	Clay 35; sand 40; blue clay 80; gravel 90; blue clay 118; gravel 123; dark grey rock 125.
TRN " 287	T. Walker	F. Hunter	May 5, 1954	3	5	65	65	Fresh	"	Blue clay 126; sand 127; flint rock 123.
TRN " 291	R. Thompson	"	May 30, 1953	3	2	80	40	Sulphur	"	Blue clay 114; flint rock 121.
TRN " 291	W. C. Johnson	"	Feb. 12, 1954	2	2 1/2	162	48	Salt "	"	Top soil 8; blue clay 105; fine sand 112; limestone 162.
TRN " 292	E. O. Heil	L. J. Leveque	Sep. 18, 1953	2	6	77	57	"	"	Top soil 3; yellow clay 8; blue clay 112; gravel 117; rock 120.
TRS " 287	R. Henricks	F. Hunter	Jul. 28, 1954	3	5	75	75	Fresh	"	Blue clay 131; shale rock 132.
TRS " 288	C. Ellis	"	Oct. 9, 1954	3	5	72	72	"	"	Blue clay 130; sand gravel 132; flint rock 133.
TRS " 289	M. Bunn	"	Feb. 5, 1953	3	5	50	50	Sulphur	"	Blue clay 116; flint rock 122.
TRS " 291	R. Drouillard	L. J. Leveque	Oct. 11, 1953	3	5	70	55	Fresh	"	Yellow clay 12; blue clay 113; blue granite 127.
TRS " 293	M. Belleperche	F. Hunter	Jun. 16, 1954	3	5	46	46	Sulphur	"	Blue clay 116; sand 117; flint rock 121.
Malden Twp.										
C.G. " 287	R. Reid	D. Sardin	Aug. 31, 1953	2	7		3	Fresh	"	Clay 30; sand 35; clay 44; gravel 49; grey limestone 55.
C.G. " 287	W. Grogan	L. J. Leveque	Sep. 7, 1953	2	3	2	3	"	"	Clay 45; sand 46; grey limestone 49; gravel sand 51; grey limestone 72.
C.G. " 287	N. McCallum	Hutchins & Son	Sep. 14, 1953	2	4	2	2	"	"	Yellow clay 6; blue clay 40; fine sand 45.
C.G. " 287	"	"	Oct. 28, 1953	3	8	Flows	Flows	"	"	Black loam 1; yellow clay 18; blue gravel clay 44; limestone 52.
C.G. " 287	"	"	Apr. 19, 1954	3	8	20	2	"	"	Yellow clay 20; blue clay 41; limestone 45.
C.G. " 287	"	"	Apr. 24, 1954	3	5	20	2	"	"	Yellow clay 23; sandstone 29; grey limestone 45.
Con II " 21	T. Gray	"	Apr. 25, 1953	3	8	27	27	"	"	Yellow clay 20; blue clay 32; limestone 45.
Con II " 22	E. Brown	"	May 29, 1954	3	5	25	21	"	"	Yellow clay 18; blue clay 40; limestone 43.
Con II " 22	J. Bratt	"	Jul. 3, 1954	3	5	23	22	"	"	Yellow clay 20; blue clay 33; hardpan 41; dark-grey rock 61; white limestone 80.
Con II " 22	G. Bridget	"	Oct. 5, 1954	3	1 1/2	26	20	"	"	Top soil 2; yellow clay 16; blue clay 31; grey rock 53.
Con II " 22	C. J. Metcalf	"	Oct. 7, 1954	3	3	25	19	"	"	Yellow clay 20; blue clay 31; limestone 40.
Con II " 23	D. Bailey	"	Apr. 16, 1954	3	8	25	23	"	"	Brown clay 30; limestone 90.
Con II " 23	Vet's Land Act.	L. J. Leveque	Oct. 19, 1954	3	6	35	27	"	"	

Malden Twp. - cont.

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APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ESSEX COUNTY -cont. Persea Twp.-cont.										
Con VI lot 15	J. Herman	M.J. Williams	Mar. 8, 1954	3						Blue clay 88; limestone 101. Dry hole.
Con VI lot 15	J. Herman	"	Mar. 15, 1954	3	33	22	2	Fresh	D,S	Clay 88; limestone 105. Dry hole.
Con VII lot 15	S. Cyrocki	"	Jul. 10, 1954	3 1/2	30	33	18	"	"	Clay 93; hardpan sand 107; gravel 108.
Con VII lot 15	J. Kocis	"	Jul. 21, 1954	4	5	35	23	Slightly Sulphur	D,S	Clay 93; hardpan 114; limestone 144.
Con VII lot 15	J. Sheepest	"	May 15, 1954	4	4	30	18	Fresh	D	Sandy soil 5; clay 109; grey limestone 150.
Con VII lot 15	J.D. McIntosh	D. Sudin	Jul. 25, 1954	3 1/2	17	15	12	Slightly Sulphur	D	Clay 67; hardpan 107; limestone 134.
Con VII lot 15	R. McKicker	M.J. Williams	Feb. 18, 1954	3	10	20	8	Fresh	D,S	Clay 67; hardpan 101; gravel 102.
Con VII lot 15	J. Thielen	"	Jul. 24, 1954	3	50	20	12	"	"	Blue clay 99; limestone 101 1/2.
Con XI lot 6	E. Heith	"	Nov. 2, 1953	3	8	20	8	Fresh	D,S	Clay 104; limestone 107.
Con XI lot 6	E. Kimball	"	Nov. 4, 1953	3	20	20	19	"	"	Grey clay 102; gravel 88; limestone 90.
Con XI lot 6	C. Pinch	M.J. Williams	Jul. 20, 1954	3	10	25	17	Sulphur	D,S	Red sand 5; blue clay 82; limestone 85.
Con XI lot 6	P. Tassi	"	Jul. 5, 1954	4	8	25	24	Fresh	D,S	Blue clay 56; grey limestone 92; clay 70; hardpan sand 83; limestone 100.
Con XI lot 6	A. Wilkinson	"	Oct. 25, 1954	4	4	45	15	"	"	Yellow sand 4; quicksand 6; loose gravel 77; hard gravel 94; limestone 110.
Con XI lot 6	C. Collari	"	Oct. 30, 1953	8	300	16	1	"	"	Surface sand 2; sandy yellow clay 13; soft blue clay 40; red clay 50; stones hardpan 52; sand yellow clay 73; hard brown limestone 86;
Con XI lot 6	Oak Farms	M.J. Williams	Dec. 31, 1954	8	300	15	1	"	"	muddy vein 87.
Con XI lot 6	N. Maynard	"	Feb. 9, 1954	6	42	72	12	"	"	Blue clay 28; fine sand 55; clay 91; flint rock 98.
Con XI lot 6	N. Kurth	C. Laramie	Feb. 9, 1954	6	42	72	12	"	"	Clay 9; blue clay 95; hardpan sand 100; brown shale 102.
Rochester Twp.										
ERE Con I lot 12	V. Chavaliar	P. Hunter	May 19, 1954	3 1/2	5	50	12	Sulphur	S	Clay 40; gravel sand 120; rock 136.
BRE Con I lot 13	C. Melon	H. LeClaire	Oct. 10, 1953	3	4	4	3 1/2	Slightly Sulphur	D,S	Blue clay 100; fine sand 113; flint rock 115.
BRE Con I lot 18	A. Marinette	"	May 11, 1954	3	4	25	13	"	"	Blue clay 123; flint rock 125.
BRE Con I lot 20	N. Hillary	P. Hunter	Nov. 17, 1954	4	5	25	13	"	"	Blue clay 126; gravel 127.
BRE Con I lot 25	Woodhale, United	"	Jan. 15, 1953	3	5	28	10	Fresh	D	Red clay 18; blue clay 93; sand 107.
BRE Con I lot 25	J. Wilk	"	May 27, 1954	3 1/2	5	15	13	"	"	Blue clay 106; flint rock 109.
BRE Con II lot 17	V. Dewhurst	W.C. Johnson	May 25, 1953	3	2	15	15	"	"	Clay 85; hardpan 96.
BRE Con IV lot 23	O. Bellmore	P. Hunter	Jun. 26, 1953	3	5	15	15	"	"	Clay 112; hardpan 114; shale 115.
BRE Con IV lot 23	E. St. Johns	M.J. Williams	Apr. 9, 1953	3	17	12	10	Fresh	P	Top soil 3; blue clay 70; quicksand gravel 122; brown limestone 157.
BRE Con VII lot 23	Sep. School	"	Sep. 1953	3	30	9	9	Slightly Sulphur	P	Clay 113; limestone 115.
BRE Con VII lot 23	B. Ray	H. LeClaire	Jul. 15, 1954	3	25	30	25	"	"	Black sandy soil 10; blue clay 63; streaks of hardpan quicksand
MRN lot 10	E. Skidmore	M.J. Williams	Jun. 1, 1954	3	3	15	4 1/2	Fresh	D	110; brown shale 112; fine sand 116.
MRN lot 11	R. S. Simon	H. LeClaire	Dec. 8, 1953	3	3	15	4 1/2	"	"	Clay 103; limestone 107.
MRN lot 12	J. Skidmore	M.J. Williams	Jun. 8, 1954	3	33	25	8	"	"	Blue clay 133; flint rock 134.
Sandwich South Twp.										
Con V lot 15	S. Hausen	P. Hunter	May 27, 1953	3 1/2	4 1/2	26	26	"	"	Loam 1; yellow clay 5; blue clay 90; sandy clay 115; limestone 117.
Con VI lot 15	E. de Vercher	Hernandez & Son	Feb. 13, 1954	2	5	45	30	Fresh	D,S	Sand 6; clay 80; hardpan 81; sand 83; clay 130; gravel 133; sand gravel 140.
Con VI lot 15	G. Little	Hell Bros.	Nov. 17, 1954	2 1/2	4	32	30	"	"	Yellow clay 10; blue clay 144; limestone 148; granite 156.
Con VI lot 16	P. Starr	L.J. Leveque	Aug. 13, 1953	2	3	32	32	"	"	Yellow clay 6; blue clay 120; sand stones 181; limestone 183.
Con VI lot 16	R. A. Craig	"	Jun. 15, 1954	2	3	26	24	"	"	Top soil 1; red clay 8; blue clay 135; sand 160; gravel 162.
Con VII lot 16	A.J. Fairbairn	Hernandez & Son	Dec. 11, 1954	2	4	27	25	"	"	Clay 25; blue clay 98; stones 100; sand gravel 118; stones 124;
Con VII lot 16	S. Santo	Hell Bros.	Aug. 7, 1954	2 1/2	2	50	43	"	"	Grey rock.
Con VII lot 16	S. Santo	"	Aug. 7, 1954	2 1/2	2	50	43	"	"	Clay 22; blue clay 60; hardpan 63; shale 63 1/2; clay 84; hardpan gravel 89; grey limestone 90 1/2.
Con VII lot 16	G. VanEnoo	M. Abbott	Nov. 26, 1954	2	4	35	35	"	"	Yellow clay 9; blue clay 130; gravel boulders 133; limestone 146.
Con VII lot 16	M. Andrews	L.J. Leveque	Sep. 17, 1954	2	6	20	16	Sulphur	D	Clay 23; blue clay 98; stones 100; sand 118; stones 124; limestone 125.
Con VII lot 16	S. Santo	Hell Bros.	Aug. 7, 1954	2 1/2	2	52	50	Fresh	D,S	Blue clay 100; flint rock 103.
Con VII lot 16	E. McGuire	P. Hunter	Sep. 8, 1953	3	5	30	26	"	"	Clay 30; blue clay 107; sand 112; rock 115.
Con VII lot 16	C. Beaudette	Hell Bros.	Jun. 11, 1954	2	1 1/2	35	35	Fresh	D	

ESSEX COUNTY-cont.
Sandwich South

TRN	lot 295	V. Neilson	Heil Bros.	Sep. 7, 1954	4	2½	35	33	Fresh	D, C	Clay 80; gravel 90; clay 105; sand gravel 111; grey rock 112½.
TRN	" 296	R.J. Jenierk	L.J. Leveque	Oct. 2, 1953	2	5	25	25	"	D	Yellow clay 10; blue clay 118; limestone 120.
TRN	" 296	H.J. Kate	F. Hunter	Nov. 21, 1953	3	5	30	20	"	D	Blue clay 11; flint rock 116.
TRN	" 296	J. Montgomery	"	Feb. 10, 1954	3	2	45	25	"	D	Blue clay 105; flint rock 106.
TRN	" 298	P. Adams	W.C. Johnson	Aug. 31, 1953	2	3½	48	35	Slightly	D	Blue clay 103; sandstone 112.
TRN	" 302	N. Kavanagh	L.J. Leveque	Jun. 29, 1954	2	4	30	30	Fresh	D	Yellow clay 10; blue clay 92; gravel 100; limestone 103½.
TRN	" 303	K. Barrowman	"	Apr. 30, 1954	2	4	31	30	"	D	Yellow clay 6; blue clay 108; coarse sand 123; limestone 140.
TRN	" 303	P. Burke	"	Oct. 6, 1954	2	6	45	30	"	D, S	Yellow clay 5; blue clay 100; sand 111; hard limestone 115.
TRN	" 303	A. Belleperche	"	May 13, 1954	2				"	D, S	Yellow clay 6; blue clay 100; coarse clay 117; hard granite 137. Dry hole.
TNS	" 303	B. Reeve	"	Jun. 29, 1954	2	5	32	30	"	D	Yellow clay 8; blue clay 120; coarse sand 127; limestone 131.
Sandwich West Twp.											
Con II	lot 63	J. Shoemaker	F. Hunter	Jun. 10, 1953	3	5	12	12	Sulphur	D	Blue clay 114; flint rock 119.
Tilbury North Twp.											
Con II	lot 20	P. Komany	S.H. Smith	Oct. 5, 1953	6	1	32	16	Fresh	D, S	Topsoil 3; yellow clay 16; blue clay 109; gravel hardpan 113.
Con II	" 20	P. Manany	"	Jan. 25, 1954	3½	2½	65	12	"	D, S	Black top soil 3; hardpan 14; blue clay 112; gravel sand 114.
Con IV	" 6	A. Marenette	L.J. Leveque	May 25, 1953	2		16	16	Salt &	S	Yellow clay 10; blue clay 11; fine sand 114; limestone 136. Dry Hole.
REN	" 6	W. Marenette	"	Apr. 15, 1953	2	5	16	16	Salt &	S	Aug well 120; sand 124; rock 130.
REN	" 6	Will. of Comber	M.J. Williams	Oct. 31, 1954	8	75	75	12	Sulphur	P	Clay 129; limestone 131. Abandoned.
Tilbury West Twp.											
Con V	lot 8	W. Nussey	M.J. Williams	May 20, 1954	3	7	25	14	Sulphur	S	Clay 114; limestone 125.
Con XI	" 4	J. Rineast	"	Sep. 3, 1954	3	33	20	10	"	D, S	Clay 92; limestone 94.
REN	" 6	H. Mornest	"	Jun. 18, 1954	3	17	25	12	Salt &	D	Clay 122; limestone 125.
REN	" 6	Will. of Comber	"	Jun. 21, 1954	3	67	25	12	Salt &	P	Blue clay 133; grey shale 133½.
MES	" 5	N. Buchman	"	May 29, 1954	3	33	23	14	Sulphur	S	Clay 129; limestone 131. Abandoned.
MES	" 7	Will. of Comber	"	Jul. 31, 1954	3	8	40	12	Salt		Blue clay 139; limestone 151. Abandoned.
PRONTENAC COUNTY.											
Bedford Twp.											
Con I	lot 8	W. Fitzgerald	W.H. Davy & Son	Aug. 14, 1954	6½	25	12	8	Fresh	D	Sand 4; red granite 20; black and grey granite 27.
Con II	" 22	E. Rode	"	Jun. 17, 1953	6½	14	22	18	"	D	Clay 4; black and red granite 33.
Con IV	" 16	A.J. Jefferies	"	Apr. 30, 1954	6½	7	27	23	"	D	Sand 3; white limestone 63.
Con X	" 19	R. Goodfellow	J.E. Murphy	Feb. 6, 1953	6½	10	8		"	D	Loose granite shale 6; hard red granite 68.
Con X	" 19	P. Able	C.A. McCarthy	Nov. 24, 1954	6½	1	15	12	"	D	Earth 3; red granite 40.
Con XI	" 20	J. Scanlan	"	Jul. 2, 1953	6	1	14	14	"	D	Earth 3; red sandstone mixed with limestone 50.
Con XI	" 22	H.A. Presee	"	Apr. 11, 1953	6	10	30	30	"	D, S	Earth 17; limestone sand 67.
Con XII	" 2	R.D. Patton	"	Jul. 20, 1953	6	2	6	6	"	D	Earth 4; limestone 26.
Con XII	" 2	R.D. Campbell	"	Sep. 12, 1953	6	2	70	28	"	D	Earth 1; sandy limestone 70.
Con XIII	" 5	C. Vandervorth	W.H. Davy & Son	Feb. 21, 1953	6½	7	56	18	"	D	Sand 12; grey granite 64.
Con XIII	" 6	W.S. Miller	J.E. Murphy	May 27, 1953	6	2	25	14	"	P	Earth 2; seaumy granite 10; solid red granite 32.
Con XIII	" 8	P.T. Egbert	"	Dec. 2, 1953	6½	15	42	42	"	P	Gravel 6; red and grey granite 60.
Con XIII	" 18	McCarthy Bros.	C.A. McCarthy	Jul. 30, 1953	6	1	10	10	"	D, S	Earth 4; red sandstone hard rock 38.
Con XIV	" 11	School	W.H. Davy & Son	Feb. 9, 1953	6½	1	75	10	"	P	Soft brown rotten granite 12; soft red and grey granite 46; grey and red and black limestone white flint 75.
Clarendon Twp.											
Con IX	lot 40	R. Bolton	C. Dufresne	Sep. 30, 1953	2	3	90	90	Fresh	D	Brown sand 3; grey granite 101.
Con XII	" 35	C. Lamke	"	Sep. 29, 1953	2	4	9	9	"	D	Sand 3; limestone 83.
SWR	" 25	L. Geron	"	Sep. 25, 1953	2	5	22	18	"	D	Brown clay 8; grey granite 138.
Hinchinbrooke Twp.											
Con I	lot 25	O. Goodfellow	T. Sigsworth	Jul. 29, 1954	5½	5	65	14	Fresh	D	Sandy soil 4; all colours hard granite 70.
Con III	" 27	H. Brown	W.H. Davy & Son	Aug. 21, 1954	5½	10	30	15	"	D	Loam 9; white limestone 50.
Con IV	" 27	N.B. Howes	C. Dufresne	Jun. 18, 1953	2		80	20	"	D	Sand boulders 4; grey and red granite 310. Dry hole.
Con V	" 2	O.D. Cronk	"	Jun. 19, 1953	2	1	30	20	"	D	Sand boulders 7; grey granite 100.
Con V	" 28	H.F. Howes	W.H. Davy & Son	Dec. 2, 1954	6½	7	30	12	"	D	Sand 20; black granite 35; red and grey granite mixed 60.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	COUNTY	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
FRONTENAC COUNTY-											
cont.											
Hinchinbrooke Twp.-											
Con V	lot 29	H.C. Whipple	W.H. Davy & Son	Nov. 12, 1954	6 1/2	8	10	5	Fresh	D	Sand 12; quicksand 25; gravel 39; red granite 64.
Con VIII	" 22	A. Goodfellow	T. Sigsworth	Sep. 11, 1954	5 1/2	3	10	7	"	D, S	Grey clay 10; grey and red granite 30.
Kennebec Twp.											
Con VII	lot 31	R.H. Fleming	C. Dufresne	Oct. 15, 1954	2	4	10	13	Fresh	D	Sand 3; granite 58.
Con IX	" 15	E. Neal	C. Goodberry	Oct. 26, 1954	6	1	30	18	"	D	White limestone 33.
Con X	" 16	A. Yule	W.H. Davy & Son	Jun. 8, 1954	6	8	20	13	"	D	Clay 4; white limestone 26; granite 38.
Con X	" 19	K.S. Kelsey	L.B. Macdonald	Aug. 8, 1953	6	8	71	29	"	D	Soil 6; granite 71.
Kingston											
Kingston			W.H. Davy & Son	Feb. 18, 1953	6 1/2	7	38	10	Fresh	D	Clay gravel 27; limestone 48.
Kingston		E.L. Martin	L.B. Macdonald	Jul. 19, 1953	6	29 0	5	5	"	D	Brown clay 8; blue limestone 60.
Kingston		L. Lawson	W.H. Davy & Son	Aug. 17, 1953	6 1/2	10	20	15	"	D	Shale rock 13; blue limestone 63.
Kingston		Aulrey/Johnson	W.H. Davy & Son	Aug. 20, 1953	6 1/2	25	8	5	"	D	Sand 19; blue limestone 56.
Kingston		V. Smith	"	Aug. 24, 1953	6 1/2	25	8	5	"	D	Sand 19; blue limestone 47.
Kingston		W. Clay	"	Aug. 26, 1953	6 1/2	20	8	5	"	D	Sand 22; blue limestone 56.
Kingston		T. Mayhew	"	Oct. 16, 1953	6 1/2	19	34	13	"	D	Clay 3; soft shale 15; blue limestone 57.
Kingston		H. Tisdale	"	Mar. 16, 1954	6	10	15	14	"	D	Clay 6; blue limestone 50.
Kingston		H. Deano	"	Jun. 24, 1954	5 1/2	10	30	20	"	D	Clay 6; limestone 66.
Kingston		J. Barticieu	G.H. Davey	Sep. 7, 1954	5	30	10	10	"	D	Blue limestone 25.
Kingston		W. Kemp	W.H. Davy & Son	Dec. 1, 1954	6 1/2	18	18	12	"	D	Blue limestone 65.
Kingston Twp.											
Con I	lot A	L.S. Raven	C. Goodberry	Sep. 6, 1954	6 1/2	20	38	12	Sulphur	P	Brown clay pebbles 5; grey limestone 47.
Con I	" A	Can. Petrofina	W.H. Davy & Son	Sep. 15, 1954	6 1/2	20	11	9	"	C	Blue clay 6; blue limestone 75.
Con I	" 5	J. Tarrens	"	Oct. 20, 1953	6 1/2	23	46	19	"	D	Loam 2; hard blue limestone 68.
Con I	" 5	H.J. Hunter	"	Oct. 22, 1953	6 1/2	14	26	12	"	D	Blue limestone 50.
Con I	" 5	T. Travers	"	Oct. 27, 1953	6 1/2	20	24	12	"	D	Blue limestone 54.
Con I	" 5	S. Clark	"	Nov. 26, 1953	6 1/2	20	29	16	"	D	Soft shale 16; blue limestone 56.
Con I	" 5	J. Alberson	"	Sep. 17, 1954	6 1/2	7	30	20	"	D	Shale limestone 3; blue limestone 60.
Con I	" 5	C. Perry	R.C. Wales	Dec. 23, 1953	5 1/2	7	7	14	"	D	Clay shale 8; limestone 50.
Con II	" 1	D. McCann	W.H. Davy & Son	Mar. 2, 1953	6 1/2	7	15	12	"	D	Shelly rock 8; blue limestone 62.
Con II	" 1	B. McCann	"	Mar. 11, 1953	6 1/2	7	20	15	"	D	Clay 7; limestone 51.
Con II	" 1	A. Irvine	"	Mar. 17, 1953	6 1/2	7	20	15	"	D	Clay 7; limestone 47.
Con II	" 1	S. Skinner	"	Mar. 21, 1953	6 1/2	7	25	20	"	D	Clay 8; limestone 57.
Con II	" 1	W.J. Cary	"	Aug. 24, 1953	6 1/2	10	15	10	"	D	Clay 5; limestone 44.
Con II	" 1	W. Grant	"	Dec. 8, 1953	6 1/2	12	30	20	"	D	Clay 4; blue limestone 51.
Con II	" 1	W.G. Leonard	"	Apr. 15, 1954	6 1/2	20	18	14	"	D	Blue limestone 74.
Con II	" 1	A. Koghill	R.C. Wales	Sep. 29, 1954	5 1/2	7	63	12	"	D	Clay 11; limestone 63.
Con II	" 2	G. Lashford	"	Sep. 2, 1953	6 1/2	7	9	9	"	D	Clay 3; limestone 45.
Con II	" 2	B. Relyea	W.H. Davy & Son	Oct. 30, 1953	6 1/2	23	8	8	"	D	Clay 5; blue limestone 49.
Con II	" 2	C. Renard	"	Mar. 12, 1954	6 1/2	10	30	17	"	D	Clay sand 5; blue limestone 65.
Con II	" 2	R.E. Smith	R.C. Wales	May 10, 1954	5 1/2	4	40	5	"	D	Clay 4; limestone 40.
Con II	" 2	G. Lashford	"	May 12, 1954	5 1/2	4	36	6	"	D	Clay 3; limestone 36.
Con II	" 3	H. Lagsdale	"	Jul. 1, 1953	5 1/2	1	25	8	"	D	Loam sand 6; limestone 67.
Con II	" 3	M. Ashley	"	Jul. 21, 1953	5 1/2	1	25	8	"	D	Clay 2; shale 8; limestone 61.
Con II	" 3	L. Holder	W.H. Davy & Son	Dec. 2, 1953	6 1/2	17	25	16	"	D	Hard blue clay 25; blue limestone 48.
Con II	" 3	R. Rustard	"	Jan. 15, 1954	6 1/2	10	80	22	"	D	Soft shale 12; blue limestone 85.
Con II	" 3	R. Keniston	G.H. Chalk Jr.	Jan. 15, 1954	6	1	120	12	"	D	Clay 1; grey limestone 80.
Con II	" 3	B. Ledbeeter	W.H. Davy & Son	Mar. 6, 1954	6 1/2	2	134	55	"	D	Blue clay 4; blue limestone 120.
Con II	" 3	J. Isaac	R.C. Wales	Aug. 14, 1954	5 1/2	9	100	22	"	D	Shale 16; limestone 134.
Con II	" 3	P.G. Barrett	G.H. Chalk Jr.	Aug. 23, 1954	6 1/2	9	100	22	"	D	Grey limestone 100.
Con II	" 3	H.E. Allan	W.H. Davy & Son	Apr. 10, 1954	6 1/2	17	100	60	"	D	Blue limestone 114.

Kingston	Trp. Cont.	W.H. Halder	W.H. Davy & Son	Sept. 28, 1954	6	7 1/2	85	20	Slightly	Blue limestone 35.
Con II	1	W. Halder	W.H. Davy & Son	Oct. 18, 1954	6	6	100	50	Soil	Shale limestone 7; blue limestone 115.
Con II	2	D. Lane	"	Oct. 23, 1954	6	7	60	10	Fresh	Blue clay 4; blue limestone 77.
Con II	3	E. Clark	"	Dec. 2, 1954	6	10	25	15	"	Clay 5; blue limestone 56.
Con II	8	L. Smith	R.C. Wales	Dec. 20, 1953	5	5	45	12	"	Clay 7; limestone 45.
Con II	10	K. Bristow	"	Sept. 3, 1954	5	5	45	25	"	Clay 5; limestone 87.
Con II	11	Kingston Chamber of Commerce	W.H. Davy & Son	May 20, 1953	6	10	25	15	"	Clay 12; limestone 70.
Con II	11	W. Day	R.C. Wales	Mar. 12, 1954	5	7	6	6	"	Clay 10; limestone 37.
Con II	13	J. Vivian	W.H. Davy & Son	Oct. 1, 1953	5	20	47	12	"	Hard blue limestone 63.
Con II	15	J.W. McEwan	R.C. Wales	Jun. 15, 1953	5	1	135	75	"	Clay 16; limestone 57.
Con II	15	J. Esford	W.H. Davy & Son	Dec. 8, 1954	6	1	53	4	"	Clay 5; quicksand 17; limestone 53.
Con II	19	J. Smith	R.C. Wales	Aug. 6, 1954	6	2 1/2	120	50	Salt	Earth 2; blue limestone 135.
Con II	24	W. Gallighy	W.H. Davy & Son	Nov. 22, 1953	6	20	11	5	Fresh	Clay sand 5; limestone 120.
Con III	1	L. Wittey	"	May 13, 1954	6	20	11	5	Suphur	Blue limestone 83.
Con III	3	D.L. Brown	G.H. Chalk Jr.	Aug. 31, 1954	6	2	50	5	Slightly	Grey limestone 50.
Con III	3	P.G. Edwards	J.M. Gates	Sept. 9, 1954	6	33	60	15	Minerally	Loam 2; grey limestone 70. Dry hole.
Con III	5	W. Fraser	W.H. Davy & Son	Aug. 11, 1953	5	7	47	12	Sulphur	Loam 4; blue limestone 60.
Con III	5	B. Brooks	"	Sept. 21, 1954	6	7	36	5	"	Earth 2; limestone 45. Dry hole.
Con III	6	"	"	Apr. 15, 1954	6	2	91	11	"	Sand clay 1; blue limestone 76. Dry hole.
Con III	6	J. Potter	W.H. Davy & Son	Apr. 20, 1954	6	1	45	4	"	Sand clay 1; blue limestone 65. Dry hole.
Con III	7	S. Chamberlain	"	Apr. 23, 1954	6	7	36	5	Fresh	Sandy clay 1; blue limestone 36.
Con III	7	W. Nichols	"	Jun. 2, 1954	6	2	91	11	Salt	Loam 2; blue limestone 78; white and grey limestone 91.
Con III	7	A. Cloyne	"	Jun. 6, 1954	6	1	45	4	"	Blue limestone 83. Dry hole.
Con III	9	P. Fraser	"	Jul. 2, 1954	6	2	62	8	"	Clay 3; blue limestone 45.
Con III	12	R. Bennington	"	Apr. 24, 1953	6	20	62	8	"	Blue limestone 60. Dry hole.
Con III	13	"	"	Feb. 3, 1953	6	2	55	6	"	Clay 2; blue limestone 81.
Con III	13	"	"	Feb. 12, 1953	6	2	55	6	"	Sand 5; blue limestone 42.
Con III	13	"	"	Feb. 15, 1953	6	2	55	6	"	Brown clay 8; grey limestone 55.
Con III	13	"	"	Jul. 10, 1954	6	25	47	35	"	Grey limestone 55.
Con III	13	"	"	Jul. 14, 1954	6	25	47	35	"	Blue clay 12; blue limestone 77.
Con III	14	Foley/Ellis	"	Jan. 1, 1953	6	20	27	22	"	Blue clay 12; blue limestone 77.
Con III	14	"	"	Jan. 3, 1953	6	20	27	22	"	Blue clay 5; hard blue limestone 76.
Con III	14	T.L. Smith/Const	"	Jan. 5, 1953	6	20	27	22	"	Blue clay 5; hard blue limestone 83.
Con III	14	"	"	Jan. 8, 1953	6	20	27	22	"	Blue clay 9; hard blue limestone 76.
Con III	14	"	"	Jan. 13, 1953	6	20	18	10	"	Blue clay 9; blue limestone w/soft spots 83.
Con III	14	"	"	Jan. 18, 1953	6	20	18	10	"	Blue clay 9; blue limestone w/soft spots 72.
Con III	15	L. Day	"	May 11, 1953	6	20	18	10	"	Blue clay 9; blue limestone w/soft spots 83.
Con III	15	L. Nelson	"	Dec. 17, 1953	6	10	20	15	"	Clay 14; limestone 46.
Con III	15	B. Sargent	"	Jul. 8, 1954	5	6	7	7	"	Blue clay 4; blue limestone 32.
Con III	16	Mc-Coll-Fonte-nac Oil Co.	R.C. Wales	Jul. 8, 1954	5	6	7	7	"	Clay sand 13; limestone 26.
Con III	16	H.C. Hutchison	W.H. Davy & Son	Jan. 3, 1953	6	10	20	20	"	Clay 20; limestone 80.
Con III	16	A. Baker	"	Apr. 22, 1953	6	10	15	12	"	Clay 13; limestone 54.
Con III	16	L. Alysforth	"	May 13, 1953	6	20	15	15	"	Sand 16; limestone 46.
Con III	16	H. Morburg	"	May 22, 1953	6	20	18	18	"	Blue clay 4; blue limestone 38.
Con III	16	School	"	Oct. 5, 1953	6	23	18	18	"	Blue clay very sticky 5; blue limestone 40; soft grey limestone 43.
Con III	16	G. Cortan	"	Apr. 27, 1954	6	1	75	18	"	Previously drilled 54; blue limestone 75.
Con III	16	W. Layfield	T. Sigsworth	Jun. 27, 1954	5	10	22	16	"	Clay 10; limestone 47.
Con III	16	E. Backcock	"	Jun. 15, 1954	5	17	30	14	"	Clay 14; rotten limestone 18; hard blue limestone 52.
Con III	16	R.W. Watts	W.H. Davy & Son	Jun. 25, 1954	5	17	16	14	"	Clay 14; rotten limestone 18; hard limestone 50.
Con III	16	E. McEwen	R.C. Wales	Jul. 2, 1954	5	10	18	15	"	Sand loam 16; limestone 51.
Con III	16	E. Patterson	W.H. Davy & Son	Jul. 13, 1954	5	6	15	8	"	Clay 14; limestone 44.
Con III	16	"	"	Aug. 14, 1954	5	10	20	14	"	Clay 9; limestone 40.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PACUMENAC COUNTY- cont.										
Kingston Twp. cont. Con III lot 16	Trans-Northern Pipe Line Co.	R.H. Casselman	Oct. 19, 1954	5	7	28	16	Fresh	In	Top soil 4; clay 15; sand 17; medium hard limestone 59.
Con III " 16	R. Brozinicki	W.H. Davy & Son	Dec. 31, 1954	6 1/2	17	25	14	"	D	Sand 24; blue limestone 62.
Con III " 17	J. Bronnack	"	May 25, 1953	6 1/2	10	15	12	"	S	Shaly rock 16; limestone 60.
Con III " 17	A. Lambitt	"	Jul. 9, 1953	6 1/2	10	20	12	"	"	Blue clay sand 24; blue limestone 63.
Con III " 17	W. Alyswoorth	"	Jul. 20, 1954	6 1/2	8	35	25	"	S	Blue clay 3; blue limestone 56.
Con IV " 14	G. Knight	W.H. Davy & Son	Sep. 14, 1954	6 1/2	3	35	15	"	D	Blue clay 6; blue limestone 55.
Con IV " 16	K. Harpell	"	Feb. 4, 1953	6 1/2	25	38	3	"	D	Clay 16; blue limestone 37.
Con IV " 16	J. Rae	"	Feb. 12, 1954	6 1/2	7	138	35	"	D	Clay 3; blue limestone 133.
Con IV " 17	School	"	Jan. 3, 1954	6 1/2	1	40	16	"	P	Clay 1; blue limestone 63.
Con IV " 17	E. Morall	R.C. Wales	Apr. 9, 1954	5 1/2	10	77	30	"	D	Clay sand 5; limestone 77.
Con IV " 17	E. Selby	W.H. Davy & Son	Jun. 15, 1954	5 1/2	10	24	20	"	D	Loam 4; limestone 47.
Con IV " 17	W. Alyswoorth	"	Jun. 28, 1954	5 1/2	10	27	25	"	D	Clay 10; limestone 41.
Con IV " 17	A. Harper	"	Jul. 16, 1954	6 1/2	7	70	27	"	D	Blue clay 4; blue limestone 97.
Con IV " 17	J. Norman	C. Goodberry	Aug. 24, 1954	6 1/2	14 1/2	60	6	"	D	Blue limestone 143.
Con IV " 17	D. Senior	W.H. Day & Son	Aug. 26, 1954	5 1/2	10	12	32	"	D	Clay 10; limestone 46.
Con IV " 18	K. Green	"	Sep. 9, 1953	6 1/2	20	30	25	"	D	Sand 4; blue limestone 64.
Con IV " 18	H. Corcoran	"	Sep. 16, 1954	6 1/2	1 1/2	50	8	"	D	Shale rock 10; limestone 77.
Con IV " 32	A.G. Reid	J.M. Gates	May 6, 1953	6	5	90	15	"	D	Blue limestone 50.
Con IV " 32	R.G. Godwin	"	Aug. 11, 1953	6 1/2	10	75	84	"	D	Clay 7; grey limestone 60; black limestone 80.
Con IV " 32	School	W.H. Davy & Son	Sep. 3, 1953	6 1/2	17	73	50	"	D	Loam 3; limestone 113.
Con IV " 32	H. Kehoe	"	Nov. 2, 1953	6 1/2	14	90	87	"	P	Shale rock 28; limestone 124.
Con IV " 32	A. Bates	R. Kenny	Nov. 2, 1953	6 1/2	8	95	85	"	D	Shale rock 8; limestone 115; granite 142.
Con IV " 32	A. Ried	W.H. Davy & Son	Nov. 25, 1953	6 1/2	2	30	12	"	D	Brown clay 4; grey limestone 90; red granite 107.
Con IV " 32	M. Mortensen	C. Goodberry	Aug. 11, 1954	5 1/2	10	30	22	"	D	Blue limestone 193; red granite 112.
Con V " 6	P. Belanger	W.H. Davy & Son	Jul. 24, 1954	5 1/2	7 1/2	50	12	"	D	Clay 20; granite 80.
Con V " 10	J. Hartwick	"	Sep. 10, 1954	6 1/2	13	40	9	"	D	Clay 30; limestone 61.
Con V " 13	J. Stacey	"	Dec. 21, 1953	6 1/2	18	40	25	"	D	Red sand 10; blue limestone 61. Dry hole.
Con V " 17	I.C. Stanton	"	Apr. 5, 1954	6 1/2	10	35	30	"	D	Clay 1; shale limestone 8; blue limestone 85.
Con V " 18	R.B. Mouldy	"	Sep. 15, 1953	6 1/2	10	30	20	"	D	Blue clay 4; blue limestone 52.
Con V " 18	L. Foy	"	Sep. 18, 1953	6 1/2	10	30	20	"	D	Blue clay 3; blue limestone 68.
Con V (Elginburg) lot 24	G. Draper	R.C. Wales	Nov. 26, 1954	5 1/2	8	87	8	"	P	Clay 8; limestone 74.
Con V " 24	R. Shanon	W.H. Davy & Son	Oct. 21, 1954	5 1/2	10	20	10	"	D	Clay 10; limestone 70.
Con V " 30	B. Orr	"	Sep. 1, 1953	6 1/2	9	35	15	"	D	Clay 4; limestone 87.
Con V " 30	J. McKendry	"	Sep. 21, 1953	6 1/2	40	26	18	"	D	Sand 10; limestone 49.
Con V " 30	R. Jayner	"	Oct. 23, 1954	5 1/2	10	30	16	"	D	Clay 5; limestone 33.
Con V " 33	J. Fair	"	Oct. 13, 1953	6 1/2	10	35	25	"	D	Sand 4; limestone 75.
Con V " 33	D. Nesbitt	"	Apr. 23, 1954	6 1/2	10	22	25	"	D	Blue clay 8; blue limestone 62; grey limestone 83.
Con VI " 15	D. Caird	"	Aug. 20, 1953	6 1/2	10	25	15	"	D	Sand 10; limestone 45.
Con VI " 17	E. Heard	P.C. Wales	Sep. 20, 1954	5 1/2	1 1/2	45	6	"	D	Loam 3; blue limestone 93.
Con VI " 19	B. Lake	W.H. Davy & Son	Feb. 5, 1954	6 1/2	10	30	30	"	D	Clay 9; limestone 95.
Con VI " 23	E. Abraham	"	Feb. 26, 1954	6 1/2	9	60	20	"	S	Clay 3; limestone 45.
Con VI " 23	A.B. Benanell	"	Sep. 3, 1953	6 1/2	22	12	8	"	D	Clay 3; shale limestone 10; blue limestone 81.
Con VI " 23	J.A. Jones	"	Sep. 9, 1953	6 1/2	22	14	8	"	D	Clay 16; blue limestone 38.
Con VI " 25	"	"	Sep. 6, 1954	6 1/2	7	70	65	"	D	Blue clay 2; shale limestone 6; hard blue limestone 80; black granite 81.

PROTESTANT COUNTRY-CONT.

Kingsston Twp. - cont.									
Con VI	10	R. Jones	W. H. Davy & Son	Sep. 20, 1954	6	7	50	39	Fresh
Con VI	11	R. J. Black	L. B. Macdonald	Jun. 16, 1953	6	5	45	3	"
Con VI	12	A. Hurdie	W. H. Davy & Son	Oct. 15, 1953	6	10	45	15	"
Con VI	13	I. Donovan	C. Goodberry	Aug. 28, 1954	6	20	30	20	"
Con VI	14	E. Blaney	W. H. Davy & Son	Jun. 19, 1953	6	17	13	12	"
Con VII	15	G. Lee	"	Aug. 10, 1953	6	10	20	14	"
Con VII	16	G. Vanluven	"	May 22, 1954	6	10	20	15	"
Con VII	17	D. W. Orser	"	Jun. 12, 1953	6	10	20	15	"
Con VII	18	K. J. Bebbie	"	Apr. 2, 1953	6	10	15	10	"
Con VII	19	W. J. Winkle	"	Apr. 1, 1953	6	10	4	4	"
Con VII	20	V. Bell	"	Jul. 5, 1954	5	7	10	5	"
Con VII	21	A. Hansen	W. H. Davy & Son	Aug. 12, 1954	6	10	25	15	"
NSB	22	G. MacArthur	"	Nov. 3, 1953	6	10	25	15	"
NSB	23	M. Esford	"	Nov. 9, 1953	6	10	25	20	"
NSB	24	H. Gordon	"	Nov. 17, 1953	6	10	25	20	"
NSB	25	J. Blacklock	"	Nov. 21, 1953	6	10	25	20	"
NSB	26	C. Skaw	"	Nov. 27, 1953	6	10	25	20	"
NSB	27	W. Wolfe	"	Dec. 8, 1953	6	10	40	20	"
NSB	28	J. Blacklock	"	Jan. 29, 1954	6	10	40	20	"
WD Con III	29	W. J. Hoisgrove	"	Sep. 28, 1953	6	30	8	8	"
WD Con III	30	"	"	Sep. 30, 1953	6	30	15	12	"
WD Con III	31	L. Lakin	W. H. Davy & Son	May 2, 1953	6	17	28	14	"
WD Con III	32	E. Snowden	"	Aug. 28, 1953	6	10	15	10	"
Loughborough Twp.									
Con II	1	Dr. O'Connor	W. H. Davy & Son	Aug. 19, 1954	6	7	80	70	Fresh
Con II	2	C. Campbell	"	Jan. 29, 1954	6	5	65	14	"
Con IV	3	D. Scott	"	Aug. 30, 1953	6	10	60	40	"
Con IV	4	United Church	"	Oct. 9, 1954	5	10	40	20	"
(Sydenham)									
Con V	5	N. Trousdale	"	Jul. 25, 1953	6	10	25	15	"
Con V	6	I. Orser	G. H. Davy	Aug. 20, 1954	5	30	17	17	"
Con V	7	D. Rutan	W. H. Davy & Son	Jul. 23, 1953	6	10	15	10	"
Con V	8	L. Ferguson	G. H. Davy	Oct. 15, 1953	6	15	10	10	"
Con V	9	A. Alexander	"	Oct. 29, 1953	6	15	50	40	"
Con V	10	P. Brown	"	May 29, 1954	6	30	18	18	"
Con V	11	K. Hemwood	"	Jul. 23, 1954	5	30	40	10	"
Con V	12	S. E. Rybak	W. H. Davy & Son	Aug. 19, 1954	5	30	40	10	"
Con V	13	R. Warren	T. Sigsworth	Aug. 19, 1953	5	10	24	19	"
Con V	14	L. Salmon	C. H. Davy	May 20, 1954	5	17	40	23	"
Con V	15	School	W. H. Davy & Son	Apr. 13, 1953	6	20	50	38	"
Con V	16	S. O. Neil	"	Sep. 28, 1953	6	5	19	4	"
Con VI	17	H. Snook	G. H. Davy	Aug. 17, 1953	6	15	12	12	"
Con VII	18	P. Blakley	C. Goodberry	Aug. 18, 1954	6	30	9	9	"
Con VII	19	N. Stoeness	G. H. Davy	Aug. 26, 1954	5	30	28	4	"
Con IX	20	V. Smith	W. H. Davy & Son	Jun. 29, 1953	6	7	18	4	"
Con IX	21	C. Hughson	"	Mar. 2, 1953	6	5	85	5	"
Con X	22	N. Lees	"	Mar. 17, 1953	6	5	20	8	"
Con X	23	C. Dalton	"	Jun. 25, 1953	5	18	20	8	"
Con XII	24	"	"	Feb. 17, 1953	5	13	8	1	"
Olden Twp.									
Con III	1	M. Barr	W. H. Davy & Son	Dec. 12, 1954	6	5	100	50	Fresh
Con IV	2	P. Stinchcombe	"	Dec. 22, 1954	6	9	6	4	"
Con VII	3	F. W. Akey	"	Nov. 18, 1954	6	7	50	30	"

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC WATER LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PROTEREAU COUNTY- cont.	Oso Twp.									
	Con I	H. Thompson	Nov. 25, 1954	6 1/2	7	40	10	Fresh	D	Sand 1; red and grey granite 59. White limestone 30.
	Con I	V. English	Nov. 7, 1953	6 1/2	10	8	5	"	D	
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
Palmerston Twp.	Con I	W.H. Davy & Son	Nov. 25, 1954	6 1/2	7	40	10	Fresh	D	Sand 1; red and grey granite 59. White limestone 30.
	Con I	"	Nov. 7, 1953	6 1/2	10	8	5	"	D	
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
Pittsburgh Twp.	Con I	W.H. Davy & Son	Nov. 25, 1954	6 1/2	7	40	10	Fresh	D	Sand 1; red and grey granite 59. White limestone 30.
	Con I	"	Nov. 7, 1953	6 1/2	10	8	5	"	D	
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								
	Con I	"								

PROTERRAC COUNTY-cont.

Pittsburg Twp. cont.

East View	Con I	lot 7	D. Nuew	W. H. Davy & Son	Oct. 21, 1953	6 1/2	14	50	40	Fresh	D	
Con I	lot 10	R. McLeod	Feb. 13, 1953	C. Goodberry	6 1/2	4	15	11	11	"	D	Clay 3; blue limestone 64.
Con I	" 13	D. Chown	Sep. 11, 1953	W. H. Davy & Son	6 1/2	4	30	20	20	"	D	Blue clay 22; red granite 75.
Con I	" 15	N. MacDonald	Jun. 16, 1953	J. M. Gates	6 1/2	7	30	20	20	"	D	Clay 10; limestone 36.
Con I	" 16	J. Harvey	Nov. 12, 1954	R. C. Wales	5 1/2	11	112	50	50	"	D	Loam 2; blue limestone 60.
Con I	" 23	R. Hoady	Jul. 26, 1954	"	5 1/2	1	12	2	2	"	D	Clay sand 4; shale 10; limestone 92; granite 112.
Con II	" 13	J. McAdoo	Mar. 21, 1953	C. Goodberry	5 1/2	1	12	2	2	"	D	Clay 10; limestone 542.
Con II	" 17	H. Schenk	Jan. 23, 1953	L. B. MacDonald	5 1/2	1	43	6	6	"	D	Loam 14; limestone 43.
Con III	" 1	G. Lee	Apr. 7, 1953	W. H. Davy & Son	6 1/2	10	31	12	12	"	D	Clay 2; sandstone 32; granite 43.
Con III	" 6	P. St. Johnkense	Sep. 8, 1954	C. Goodberry	6 1/2	10	30	30	30	"	D	Clay 29; hard granite 74.
Con III	" 17	St. Johnkense	Aug. 19, 1953	W. H. Davy & Son	6 1/2	10	25	15	15	"	D	Sand pebbles 15; blue limestone 54; hard grey granite 59 1/2.
Con III	" 28	A. V. Kiegan	Oct. 12, 1954	C. Goodberry	6 1/2	8	25	10	10	"	D	Shale rock 13; limestone 53.
Con IV	" 2	A. Borsvert	Oct. 6, 1953	W. H. Davy & Son	6 1/2	7	45	30	30	"	D	Sand gravel 42; limestone 48.
Con IV	" 2	M. Casan	Feb. 24, 1954	J. V. Gates	6 1/2	10	50	16	16	"	D	Sand 4; sandstone 68.
Con V	" 18	B. Stafford	Jan. 20, 1954	W. H. Davy & Son	5 1/2	7	30	8	8	"	D	Grey granite 70.
Con V	" 18	J. Murphy	Jul. 8, 1953	J. M. Gates	5 1/2	5	35	25	25	"	D	Clay 7; grey granite 27; red and black granite 50.
Con V	" 21	J. Wilson	Sep. 23, 1954	C. Goodberry	6 1/2	5	19	13	13	"	D	Loam 6; brown sandstone 34.
Con V	" 31	School	Dec. 28, 1953	W. H. Davy & Son	6 1/2	5	30	3	3	"	D	Soil 1; sand 11; red and black granite 55.
Con VI	" 19	B. Campbell	Mar. 11, 1954	"	6 1/2	5	30	16	16	"	D	Sand pebbles 8; hard grey granite 52.
Con VII	" 25	C. Milne	Jul. 30, 1953	"	6 1/2	10	35	3	3	"	D	Brown clay 9; red granite 45.
Con VII	" 26	P. Squibb	Mar. 7, 1953	"	6 1/2	6	66	5	5	"	D	Clay 17; red granite 50.
Con IX	" 21	W. Knapp	Apr. 8, 1953	J. M. Gates	6 1/2	4	50	9	9	"	D	Blue clay 33; black granite 43.
Con IX	" 34	School S. #13	Sep. 11, 1954	C. Goodberry	6 1/2	1	20	6	6	"	D	Sand 26; red, grey and black granite 67.
FKT Con IV	" 41	L. Duetta	Mar. 17, 1953	H. Davis	5 1/2	5	10	18	16	"	D	Hard red granite 66.
FKT Con IV	" 41	T. Stars	Oct. 30, 1953	W. H. Davy & Son	6 1/2	6	20	10	8	"	D	Loam 11; blue granite 21; sandstone 50.
GI	"	W. Alford	Oct. 4, 1954	"	6 1/2	6	20	62	62	"	D	Sandy brown clay 9; red granite 26.
NR	"	R. B. Sorensen	Oct. 14, 1954	"	6 1/2	18	62	62	62	"	D	Clay 29; granite 45.
NR	"	E. R. Wieland	Sep. 10, 1954	W. H. Davy & Son	5 1/2	9	80	10	10	Fresh	S	Sand 1; grey limestone 7; red granite 43.
Portland Twp.	lot 2	J. G. Walker	Aug. 22, 1953	"	5 1/2	10	10	10	10	"	D	Sandy loam clay 3; blue limestone 96; soft red, green granite 110.
Con I	" 6	N. Hartman	Oct. 2, 1954	"	5 1/2	10	15	8	8	"	D	Blue limestone some flint 120.
Con II	" 7	G. Snider	Jan. 29, 1953	"	5 1/2	7	20	10	10	"	D	Loam 8; limestone 99.
Con IV	" 6	A. Davis	May 18, 1954	"	6 1/2	30	60	39	39	"	D	Loam 15; limestone 48.
Con IV	" lot 1	D. Wasley	Jul. 10, 1954	G. H. Davey	6 1/2	30	60	39	39	Sulphur	S	Loam 6; limestone 42.
Con V	" 6	K. V. Day	Apr. 30, 1953	T. Sigsworth	5 1/2	4	55	21	21	Fresh	D	Limestone 46.
Con V	" 7	R. Simmons	Jun. 17, 1953	G. H. Davey	5 1/2	4	55	21	21	"	D	Brown clay 2; limestone 15; grey or blue limestone 60.
Con V	" 7	H. Lambert	Jun. 8, 1954	W. H. Davy & Son	5 1/2	30	40	30	30	"	D	Brown clay 4; shale 6; blue limestone 70.
Con V	" 7	H. Jakins	Jul. 30, 1954	"	5 1/2	30	40	30	30	"	D	Brown clay 7; shale 12; blue or grey limestone 81.
Con VI	" 7	H. Hurston	Mar. 20, 1954	"	5 1/2	30	40	30	30	"	D	Loam 6; black granite 32.
Con VI	" 7	K. Hanson	May 11, 1954	"	5 1/2	24	50	50	50	"	D	Sand 3; brown and white rotten limestone 12; white limestone 32; white limestone and mica mixed 40.
Con VI	" 19	S. Conley	Apr. 28, 1954	"	5 1/2	24	50	50	50	"	D	Sandy soil 6; granite 18; white limestone 54.
Con VII	" 19	C. Jamison	Jun. 13, 1953	G. H. Davey	5 1/2	30	55	25	25	"	D	Sand 2; white limestone 51.
Con VII	" 7	School S. #7	Apr. 20, 1953	T. Sigsworth	5 1/2	1 1/2	81	20	20	"	D	Clay 28; quicksand 31; limestone 120.
Con X	" 8	W. Bennett	Jan. 21, 1953	L. B. MacDonald	6 1/2	9	30	12	12	"	D	Sand 4; limestone 57.
Con X	" 9	Van Valkenburg	Nov. 7, 1953	W. H. Davy & Son	6 1/2	5	50	10	10	"	D	Sand 2; limestone 79.
Con X	" 10	G. Davy	Nov. 17, 1953	C. Goodberry	6 1/2	10	30	10	10	"	D	
Con XI	" 9	W. Rudsdale	Jan. 27, 1953	W. H. Davy & Son	6 1/2	10	46	11	11	"	D	
Con XI	" 9	D. Babcock	Apr. 15, 1953	L. B. MacDonald	6 1/2	9	30	8	8	"	D	
Con XI	" 9	W. J. Heska	Nov. 20, 1953	W. H. Davy & Son	6 1/2	20	28	12	12	"	D	
Con XI	" 9	C. McKever	Nov. 7, 1953	C. Goodberry	6 1/2	5	50	10	10	"	D	

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-ING METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SHEWATERY COUNTY, cont.	Leckel Dwp. Cont.									
	Con VII	A. Campbell	Aug. 20, 1953	5	2 1/2	21	21	Fresh	D	Old well 20; hardpan 65; limestone 139.
	Con VIII	Poliskin Well Dr.	Aug. 30, 1954	5	10	15	10	"	D	Hardpan 40; gravel 45; limestone 82.
	Con IX	B. Campbell	Oct. 30, 1953	5	10	14	14	"	D	Clay 10; hard limestone 30.
	Con IX	H. J. Aoust	Nov. 14, 1953	5	7 1/2	15	15	"	D, S	Sandy earth 15; hard limestone 75.
	Maxville	Kunroe Bros.	Sep. 18, 1954	5	4	33	14	Fresh	D	Gravel stones 24; hardpan 42; black rock 142.
	Maxville	J. R. Ferguson	Nov. 28, 1954	5	2 1/2	17	13	"	D	Sand 7; hardpan 3; slate 142; limestone 147.
	Maxville	"	Dec. 3, 1954	5	3	15	7	"	D	Sand 7; hardpan 2; grey slate 98.
	Maxville	"	Dec. 9, 1954	5	2	13	7	"	D	Sand 14; hardpan 23; grey slate 45 1/2.
	Maxville	"	Dec. 20, 1954	5	2	21	13	"	D, C	Sand 10; hardpan 24; grey slate 51 1/2.
GRENVILLE COUNTY	Augusta Twp.									
	Con I	R. Kenney	Jun. 9, 1953	5 1/2	5	20	11	Fresh	P	Clay 4; limestone 7 1/2.
	Con I	I. Simzer & Sons	Apr. 22, 1953	5	9	10	Flows	"	P	Clay 20; quicksand 60; coarse gravel 63; hard limestone 70.
	Con I	"	Mar. 21, 1953	5	9	20	16	"	D	Sand 30; limestone 78.
	Con I	"	Jul. 23, 1953	5	10	10	10	"	D	Sand 5; gravel 9; limestone 32.
	Con I	"	Jul. 23, 1953	5	13	40	5	"	D	Dug well 12; hardpan 16; hard limestone 30.
	Con I	R. H. Casselman	Aug. 21, 1953	6	18	18	15	"	D	Top soil 4; sand 10; gravel 13; clay 45; soft light-grey limst. 6 1/2.
	Con I	G. V. Little	Apr. 18, 1953	6	13	20	2	"	D	Clay 5; greyish coloured sand 12; grey limst. 30; grey sandstone 52.
	Con I	"	Dec. 9, 1954	5 1/2	9	35	11	"	D, In	Previously dug 19; gravelly hardpan boulders 30; coarse grey sandstone 80.
	Con I	R. Kenney	Sep. 20, 1954	6	18	11	9	"	D	Sandstone 61.
	Con I	C. K. Morrison	Aug. 2, 1953	5	7	17	13	"	D	Till hardpan 30; sandstone 47.
	Con I	R. H. Casselman	Sep. 13, 1954	5	9	40	17	"	In	Top soil 1; fine-grained sandstone 143.
	Con I	Lackey & Scott	May 16, 1953	6	3	20	20	"	D	Earth 20; sandstone 40.
	Con I	I. Simzer & Sons	Aug. 31, 1953	5	35	35	15	"	D	Hardpan 14; sandstone 91.
	Con I	G. V. Little	Nov. 6, 1953	6	14	40	10	"	D	Gravelly loam 3; grey limestone 17; grey sandstone 70.
	Con I	"	Jun. 7, 1954	6	13	30	9	"	P	Clay loam 3; grey limestone 30; grey sandstone 51.
	Con I	"	Jun. 25, 1954	6 1/2	9	25	12	"	D	Clay loam 14; grey limestone 30; dark grey limestone 100.
	Con I	"	Jul. 3, 1954	6 1/2	7 1/2	70	14	"	D	Clay loam 4; hardpan small boulders 15; grey limestone 30; dark-grey sandstone 100.
	Con I	R. Kenney	Jun. 15, 1953	5 1/2	42	42	12	"	D	Clay 3; limestone 69.
	Con I	G. V. Little	Nov. 21, 1953	5 1/2	5	62	7	"	D	Loam 2 1/2; hard grey limestone 70.
	Con I	G. V. Little	Sep. 5, 1954	6 1/2	5	63	8	"	D	Clay loam 2; grey sandstone 60.
	Con I	R. H. Casselman	Aug. 2, 1953	6	18	24	18	"	D	Sand 1; hard fine-grained sandstone 87.
	Con I	R. Kenney	Nov. 28, 1954	6	15	15	15	"	D	Loam 8; white sandstone 60.
	Con I	R. Kenney	May 22, 1953	6	9	70	50	"	D, S	Previously drilled 50; hard granite sandstone 141.
	Con I	"	Dec. 24, 1953	6	13	50	40	"	D, S	Previously drilled 141; sandstone 198.
	Con I	"	Oct. 9, 1954	6	13	50	30	"	D	Clay 5; crystallized sandstone 66.
	Con I	R. Kenney	Apr. 5, 1954	6	18	20	18	"	D	Top soil 2; broken sandstone 10; very tight grained sandstone 109.
	Con I	R. H. Casselman	Nov. 26, 1954	6	9	9	Flows	"	D	Hardpan 4; hard limestone 56.
	Con II	I. Simzer & Sons	Jul. 31, 1953	5	6	20	8	"	D	Hardpan 3; hard limestone 44.
	Con II	"	Aug. 5, 1953	5	10	9	9	"	D	Hardpan 3; hard limestone 39.
	Con II	"	Aug. 13, 1953	5	10	10	10	"	D	Hardpan 8; hard limestone 34.
	Con II	A. Woodward	Sep. 14, 1953	5	7	20	11	"	P	Clay 3; hardpan 9; hard limestone 91.
	Con II	Ont. Hydro Elec.	Aug. 3, 1954	5	33	25	35	"	D	Hardpan 3; sandstone 47.
	Con II	Kemp Bros.	Aug. 18, 1954	5	33	33	25	"	D	Hardpan 1; sandstone 47.
	Con II	"	Sep. 1, 1954	5	7	30	26	"	D	Sandstone 44.
	Con II	"	May 11, 1953	5	4	40	20	"	D	Sand 5; hardpan 14; hard limestone 106.
	Con II	"	Nov. 17, 1954	5	9	40	10	"	D	Clay boulders 20; sandy limestone 66.
	Con II	C. V. Morrison		5				"	D	
	Con II	"		5				"	D	
	Con II	"		5				"	D	

GRENVILLE COUNTY-cont.

Augusta Twp.-cont.

Con III	lot 2	E. Polajski	W. Lewis	Jul. 1, 1953	6	6	21	18	Fresh	D	Earth 3; hardpan gravel boulders 19½; grey limestone 76.
Con III	"	M. Asborne	"	Jul. 14, 1953	6	5	3½	3½	"	D	Earth 2; grey limestone 26.
Con III	"	S. Swan	"	Aug. 1, 1953	6	16	16	16	"	D	Shale 3; grey limestone 36.
Con III	"	C. Hough	R. Kenny	May 27, 1953	5	8	7	7	"	D	Sand 30; limestone 51.
Con III	"	J. Myers	"	Sep. 23, 1953	6	12	25	8	"	D	Brown clay 6; hard grey limestone 86.
Con III	"	M. Watson	H. Davis	Aug. 17, 1954	5	15	15	15	"	D	Clay 16; limestone 60.
Con IV	"	S. Coye	W. Lewis	Oct. 8, 1953	6	25	20	20	"	D	Sand 11; gravel hardpan 26; grey limestone 68.
Con IV	"	S. Hamelin	I. Simzer & Sons	Jun. 15, 1953	5	5	20	15	"	D	Hardpan 3; sandstone 38.
Algonquin	"	"	"	"	"	"	"	"	"	"	"
Con V	"	H. Covel	W. Lewis	Aug. 17, 1953	6	6	23	23	"	D	Black earth 2; gravel hardpan boulders 11; grey limestone 36.
Con V	"	"	"	Dec. 3, 1953	6	16	16	16	"	D	Earth 3; gravel hardpan boulders 11; grey limestone 36.
Con V	"	H. Scott	"	Oct. 7, 1953	6	6	18	16	"	D	Earth 3; gravel hardpan boulders 11; grey limestone 36.
Con VI	Reebuck	E. Salmon	T. L. Davis	Nov. 15, 1954	5	24	24	18	"	D	Soil 2; limestone 36.
Con VI	"	R. Kelso	I. Simzer & Sons	Aug. 11, 1954	5	33	25	25	"	D	Hardpan boulders 27; limestone 42.
Con VII	"	R. H. Casselman	"	Sep. 9, 1954	5	9	24	16	"	D	Old well 12; very hard limestone 50.
Con VII	"	Sep. School #15	Plant Bros.	May 10, 1953	5	8	90½	10	"	P	Sand 1½; limestone 90½.
Con VIII	"	W. L. Beaton	G. V. Little	Mar. 28, 1953	5	5	30	10	"	D	Clay gravel 27; limestone 25½.
Con IX	"	"	"	May 1, 1954	5	2	Flows	Flows	"	D	Fill 2; gravelly hardpan 30; grey limestone 42.
Con IX	"	Anglican Church Rectory	C. V. Morrison	Nov. 15, 1954	5	5	2	Flows	"	D	Clay boulders 22; limestone 45.
Edwardsburgh Twp.	"	"	"	"	"	"	"	"	"	"	"
Con I	lot 2	H. Irwin	I. Simzer & Sons	May 26, 1954	5	33	9	8	Fresh	D	Clay 27; limestone 59.
Con I	lot 3	G. Kerr	R. Kenny	Sep. 1, 1953	6	5	8	5	"	D	Sand 3; limestone 45.
Con I	"	R. Adams	I. Simzer & Sons	Dec. 4, 1954	5	18	18	16	"	D	Hardpan boulders 4½; hard limestone 80.
Con I	"	W. Perry	R. H. Casselman	Mar. 5, 1954	5	5	65	40	"	D	Top soil 4; till 21; coarse gravel 53; clay sand 68; till 75; hard grey limestone 92.
Con I	"	"	"	"	"	"	"	"	"	"	"
Con I	"	K. Payie	I. Simzer & Sons	Oct. 18, 1954	5	5	13	7	"	D	Clay 25; sand 52; hard limestone 93.
Con I	"	Trans Northern Pipe Line Co.	R. H. Casselman	Aug. 5, 1954	5	5	15	7	"	In	Top soil 1; hardpan 5½; medium dark grey limestone 74.
Con I	"	"	"	"	"	"	"	"	"	"	"
Con I	"	M. Barnes	I. Simzer & Sons	Jun. 30, 1954	5	33	30	28	"	D	Hardpan boulders 33; sandstone 96.
Con III	"	Ont. Hydro Elec.	R. H. Casselman	Feb. 11, 1954	5	18	8	3	"	P	Top soil 3; clay 8; hard packed gravel 36; limestone 46.
Con III	"	C. Riley	"	Jul. 2, 1954	5	18	24	19	"	D	Top soil 2; gravel small boulders 25; fine sand 35; very hard limestone 61.
Con III	"	E. Hocke	I. Simzer & Sons	Sep. 11, 1954	5	9	15	12	"	D	Grey limestone 83.
Con III	"	E. Smith	"	Jul. 18, 1953	5	9	22	18	"	D	Dug well 18; hard limestone 66.
Con VI	"	W. Macintosh	"	Jul. 10, 1954	5	9	10	1	"	D	Clay 20; gravel clay 41; brownish limestone 95.
Con VI	"	S. Shannon	G. Poupore	Jun. 5, 1954	5	9	12½	12	"	D	Gravel clay stones 4½; hard limestone 29.
Con VI	"	C. Mullin	"	Oct. 28, 1954	5	9	10	10	"	D	Gravelly soil 2; seamy rock 18; grey limestone 40; fine dark-grey sand 44½.
Con VII	"	H. Connell	I. Simzer & Sons	Nov. 18, 1953	5	3	30	Flows	"	D	Hardpan boulders 25; hard limestone 109.
Kemptville	"	"	"	"	"	"	"	"	"	"	"
Kemptville	"	H. Barnes	Lackey & Scott	Jun. 21, 1954	5	5	21	21	Fresh	D	Clay 25; limestone 84.
Merrickville	"	S. A. Hurbert	"	Jul. 9, 1954	5	5	15	15	"	D	Clay 16; limestone 32½.
Merrickville	"	G. Mulligan	Lackey & Scott	Jun. 15, 1953	6	5	15	15	Fresh	D	Earth 12; limestone 62.
Merrickville	"	D. Epton	"	Apr. 28, 1954	5	7	20	20	"	D	Clay 12; limestone 60.
Oxford Twp.	"	"	"	"	"	"	"	"	"	"	"
Con I	lot 4	E. Heaphey	Lackey & Scott	Jan. 2, 1953	6	7	3	3	Fresh	D	Clay 3; limestone 58.
Con I	"	G. Carter	"	Jul. 2, 1953	5	3	32	30	"	D	Dug well 30; gravel earth 40½.
Con III	"	C. Arcand	"	Aug. 28, 1953	5	2½	25	25	"	D	Earth 10; limestone 41.
Con III	"	D. Maloney	"	Dec. 5, 1953	5	3	18	18	"	D, S	Clay 12; limestone 27.
Con V	"	A. Griffiths	"	Sep. 14, 1953	5	7	12	12	"	D	Earth 32; limestone 57.
Oxford Mills	"	"	"	"	"	"	"	"	"	"	"
Con VII	lot 27	E. Finley	"	Aug. 4, 1954	5	5	15	12	"	D	Clay 16; limestone 42.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREENVILLE COUNTY-										
South Gower Twp. Con I lot 3	A. Alix	I. Simzer & Sons	Oct. 11, 1954	5	3	15	12	Fresh	D	Sand 70; limestone 130.
Con II lot 6	R. Beggs	G. Poupore	May 25, 1954	5	5	7	7	"	D	Black ground 2; gravel boulders 20; fine grey sand pebbles 25 1/2; soft grey limestone 90.
Con VI " 6	A. McGovern	Lackey & Scott	Jan. 3, 1954	5	5	16	15	"	D	Dug well 15; clay 33.
Welford Twp.										
Con A lot 3	A. Kelly	Lackey & Scott	Sep. 24, 1954	5	5	16	14	Fresh	P	Clay 12; white limestone 42.
Con B " 3	C. H. Kiner	"	Feb. 28, 1953	5	5	25	25	"	D	Clay 3; limestone 72.
Con B " 5	J. O'Brien	"	Oct. 23, 1953	5 1/2	5	12	12	"	D	Clay 12; limestone 39.
Con B " 30	K. R. Smith	J. Murphy	May 16, 1954	5 1/2	3	40	21	"	D	Clay gravel few boulders 74; blue limestone 89.
Con I " 9	J. McMullen	Lackey & Scott	Nov. 20, 1953	5	9	3	3	"	D	Clay 6; limestone 63.
Con I " 30	J. McDougal	C. V. Morrison	Mar. 12, 1953	5	3	Flows	Flows	"	D	Loam 1; limestone 72.
Con II " 21	J. Eney	"	Feb. 12, 1953	5 1/2	5	18	12	"	D	Clay hardpan 30; limestone 75.
Con II " 25	C. S. Phillips	Lackey & Scott	Mar. 30, 1953	5	7	30	25	"	D	Clay 16; limestone 70.
Con II " 25	C. Phillips	C. V. Morrison	Oct. 10, 1953	5	7	30	25	"	D	Previously drilled 77; limestone 99.
Sutton's Corners Con V lot 8	School S. #18	Lackey & Scott	Sep. 7, 1954	5	5	28	25	"	P	Red clay earth 25; limestone 57.
GREY COUNTY.										
Artemesia Twp. Con VII lot 39	Partridge Bros	M. S. Bellerby	May 1, 1954	5	5	14	14	Fresh	D	Sand gravel 60; white limestone 85.
Con XIV " 21	P. Davis	Pratt Bros.	Aug. 27, 1954	4	2	100	35	"	D	Clay fill 5; shale rock 20; brown limest. 65; white limest. 100.
DRN Con II " 20	S. Muir	E. J. Pratt & Sons	Aug. 10, 1953	4	6	70	60	"	D, S	Coarse gravel 20; sandy clay 50; clay hardpan large boulders 90; clay sand small stones 120; gravel 125.
DRN Con II " 20	A. S. Muir	M. S. Bellerby	Sep. 23, 1953	4	5	90	90	"	D, S	Sand 160; limestone 206.
DRN Con II " 71	A. Plant	"	Jul. 10, 1953	4	10	20	20	"	D, S	Clay boulders 65; rock 120.
DRN Con III " 1	D. Campbell	Pratt Bros.	May 10, 1954	4	6	35	30	"	D, S	Sandy clay stones 30; clay hardpan 70; yellow clay 140; gravel 175; shaly rock 180.
DRS Con II " 6	A. Odell	M. S. Bellerby	Jan. 25, 1953	4	5	135	90	"	D, S	Clay 50; quicksand 85; sand gravel 111; clay small stones 206; limestone 235.
SRE Con I " 107	A. Foster	Pratt Bros.	Sep. 4, 1954	4	10	35	30	"	D	Sandy clay 30; hardpan 40; brown limest. 74; yellow clay shale 78.
SRE Con I " 186	R. MacLennan	P. H. McInnan	May 22, 1954	4	5	45	17	"	D, S	Top soil 2; sand gravel 60; shale rock 65.
SRW Con II " 169	S. Hindle	M. S. Bellerby	Aug. 6, 1954	4	9	11	11	"	D, S	Sand gravel 40; clay stones 100; limestone 143.
Bentinck Twp.										
Con V lot 9	L. Monk	L. H. Weirmier	Jul. 26, 1954	4	10	15	9	Mineral	D, S	Top soil 2; yellow sand 30; grey clay sand large boulders 60; small stones clay sand 150; shale rock 152.
DRS Con III " 7	G. Burr	Pratt & Sons	Dec. 8, 1953	4	10	47	47	Fresh	D, S	Blue clay 20; layers of clay rock 67.
GRW Con I " 30	H. Matthews	"	Jan. 23, 1953	4	6	24	22	"	D	Gravel 20; sand 40; soft grey rock 66.
GRW Con III " 41	R. McDonald	Pratt Bros	Jun. 16, 1954	4	10	16	13	"	D, S	Rough clay gravel 20; clay hardpan small stones 40; blue shaly rock 60; solid white limestone 72; very hard white limestone 92.
Chatsworth										
Con I lot 20	P. Mackatt	R. Nimmo	Sep. 29, 1953	4	5	8	8	Fresh	D	Red clay 15; gravel red clay 40; gravel 43; limestone 45 1/2.
Con I " 21	A. Trotman	"	Aug. 18, 1954	4	5	15	18	"	D, S	Red clay 20; gravel red clay 30; hardpan 35; limestone 43.
Con I " 21	J. Gunt	W. W. Dinsmore	Sep. 7, 1954	4	2	2	2	"	D	Top soil 2; sand grey clay 23; gravel 25; limestone 27 1/2.
Con II " 19	A. Yates	"	Sep. 30, 1954	4	2	8	6	"	D	Sand 24; limestone 40.
Con II " 21	J. R. Counell	C. Bartley	Oct. 11, 1954	4	2	24	22	"	D	Sand clay 25; limestone 32.
Con III " 23	M. Purvis	W. W. Dinsmore	Aug. 30, 1954	4	3	6	6	"	D	Sand 5; shale 25.

GREY COUNTRY-cont.

Collingwood Twp. cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GREY COUNTY-cont.										
Dundaik lot 24	C. McRea	M.S. Bellerby	Dec. 12, 1953	4	5	25	16	Fresh	D	Hardpan stones clay 102; limestone 159.
Dundaik " 2	P. Sales	"	Jan. 7, 1954	4	35	27	27	"	In	Clay stones 110; white limestone 165.
Dundaik " 10	Williams/Corbett	"	Mar. 20, 1954	4	2	235	29	"	D	Dug well 30; stones clay 108; broken rock 116; grey limestone 235.
Dundaik " 59	Seely/Arnell	"	Apr. 4, 1954	4	5	10	10	"	D	Clay stones 108; white limestone 157.
Dundaik " 105	G. Langdon	"	Oct. 15, 1954	4	5	25	25	"	D	Clay stones 100; limestone 150.
Dundaik " 107	Post Office	"	Dec. 18, 1954	6	5	20	20	"	P	Clay stones 101; hard limestone 145.
Dundaik " 101										
Egmont Twp. Con I	J. Noyer	G. L. Davidson	Mar. 24, 1954	4	12	35	35	Sulphur	D, S	Dug well 33; quicksand 62; sand 120; quicksand 162; boulder till 204; soft rock 216.
Con VII " 2	E. Brown	R. H. Gadke	Feb. 28, 1953	4	12	8	8	Fresh	D, S	Brown clay boulders 86; sand boulders 105; brown sand 117; shale 120; blue limestone 235; white limestone 27; brown limestone 317.
Con X " 10	W. Lamont	E. A. Keeso	Oct. 14, 1953	4						Top soil 4; clay 38; gravel clay 74; sandy clay 124; pure sand 138; sand boulders 182; boulder. Dry hole.
Con X " 10	"	C. L. Davidson	Dec. 31, 1953	4	4	100	40	Fresh	D, S	Clay 13; clay gravel 76; sand gravel 112; till 128; sand gravel 164; hardpan 191; hard grey limestone 342.
Con XIII " 3	J. Alles	Pratt Bros.	Oct. 8, 1954	4	10	51	31	"	D, S	Stony hardpan 90; gravel 91; stony hardpan 160; white limestone 172.
Con XIV " 5	H. Alles	E. J. Pratt & Sons	Nov. 16, 1953	4	10	12	12	"	D, S	Old well 29; gravelly clay hardpan 70; very hard hardpan 101.
Con XVII " 17	H. Reith	Pratt Bros.	Nov. 9, 1954	4	20	30	2 1/2	"	D, C	Stony clay 23; silt with sand 43; gravel 49; stony clay hardpan 78; yellow limestone 95.
Con XX " 23	C. McQueen	E. J. Pratt & Sons	Nov. 2, 1953	4	10	40	33	"	D, S	Clay 15; clay stones 30; sand clay 60; yellow clay hardpan 125; very hard hardpan 130; gravel.
GRE Con III " 9	R. Wilson	Pratt Bros.	Jul. 19, 1954	4	6	100	60	"	D, S	Yellow sand 35; gravel stones 50; clay hardpan 120; silt 127; white limestone 140; brown limestone 195; soft white limestone 223.
Euphrasia Twp. Con VI lot 21	B. Currie	T. Gilray	Jun. 19, 1953	4	9	21	21	Fresh	D	Dug well 21; limestone 42.
Con VI " 23	W. H. Wonch	R. H. Wonch	Jul. 23, 1953	4	10	17	17	"	D, S	Clay stone 32; gravel.
Con VII " 16	School S. #19	L. H. Weirmer	Aug. 20, 1953	4	15	16	12	"	P	Top soil 2; gravel clay 30; soft rock layers of clay 70; brown rock 76.
Con VII " 26	G. Wonch	R. H. Wonch	Jul. 8, 1953	5	5	40	28	"	D, S	Clay stone 19; solid rock 54.
Con VIII " 5	G. G. Johnston	"	Jul. 15, 1953	5	5	33	33	"	D, S	Clay stone 20; shell rock 55.
Con IX " 22	J. Bradner	T. Gilray	Jun. 28, 1953	4	5	28	28	"	D, S	Dug well 26; clay stones 60; limestone 72.
Con X " 25	School	L. H. Weirmer	Jun. 11, 1954	4	1 1/2	50	25	"	P	Top soil 2; clay stones 6; soft rock 30; limestone 148.
Flesherton Con X	B. Fields	Pratt Bros.	Aug. 16, 1954	4	8	32	22	Fresh	D	Old well 58; loose gravel hardpan 90; shale rock 102; brown limestone 153.
Glenelg Twp. Con XII lot 6	School	E. J. Pratt & Sons	May 29, 1953	4	6	40	18	Fresh	P	Stony clay hardpan 40; clean sand 95; white limestone 118.
GRE Con I " 4	P. VanNorman	"	Jun. 22, 1953	4	6	40	Flows	"	D	Stony clay hardpan 45; shaly rock 55; solid white limestone 76.
GRE Con II " 1	C. Morrison	"	Oct. 12, 1953	4	6	60	50	"	D, S	Sand gravel 10; clay hardpan stones 60; clay few small stones 80; shaly rock 90; blue rock 109.
GRE Con II " 59	I. Wilson	"	Jun. 5, 1953	4	6	8	4	"	D	Open well 12; white limestone 32.
SW Con I " 105	School	M. S. Bellerby	Aug. 27, 1953	4	5	30	22	"	P	Sand rough gravel 30; broken rock 65; limestone 130.
SW Con II " 107	R. Love	Pratt Bros.	Sep. 10, 1954	4	20	16	6	"	D, S	Sand clay 14; white limestone 49.
SW Con III " 101	A. Vangunten	E. J. Pratt & Sons	Jul. 18, 1953	4	6	18	3	"	D	Rocky clay 12; white limestone 75.
Holland Twp. GRE Con I lot 3	S. L. Jackson	M. S. Bellerby	Jan. 13, 1953	4 1/2	7	80	75	Fresh	D	Clay stones 94; limestone 105.
GRE Con I " 19	J. W. Neargarth	Wright Bros. I & A	May 14, 1953	4 1/2	12	70	30	"	D	Soil boulders 43; rock 70.
Williamsford GRE Con XI lot 9	H. Connell	Pratt Bros.	Jul. 26, 1954	4	1 1/2	25	20	"	D, S	Top soil 5; clay 30; quicksand 60; black rotten rock red shale 66.
GRE Con XII lot 2	W. Hallman	L. H. Weirmer	Sep. 14, 1953	4	3	50	30	"	D	Top soil limestone yellow clay 15; shale rock 30; white limestone 115; bright blue hardpan 115 1/2.

GREY COUNTY-cont.

Keppel Twp.	lot 13	I. Mackinnon	D. Wright & Sons	Jun. 13, 1953	5	20	20	Fresh	D, S	Clay boulders 16; bedrock 80.
Con VI	"	E. Shoudice	Wright Bros. & S.	Sep. 25, 1953	4	15	15	"	D, S	Loam stone 12; limestone 72.
Con XI	"	L. Risk	D. Wright & Sons	Sep. 25, 1953	4	18	18	"	D, S	Clay; limestone 73.
Con XVI	"	L. Risk	D. Wright & Sons	Sep. 25, 1953	4	18	18	"	C	Dug well 12; sand 30; rock 64.
Con XVII	"	H. Boswell	D. Wright & Sons	Aug. 11, 1953	4	12	12	"	C	Clay stones; limestone 42; red and blue shale 61.
Con XIX	"	H. Boswell	S & O Wright	Nov. 11, 1953	3	30	30	"	C	Hardpan 3; limestone 83.
Con XIX	"	J. Dixon	Wright Bros. & S.	Jul. 15, 1953	3	36	36	"	D, S	Stones sand 22; limestone 45; shale 64.
Con XIX	"	J. Taylor	D. Wright & Sons	Aug. 7, 1954	5	12	84	"	D	Clay; rock 36; shale 53.
Con XIX	"	A. West	D. Wright & Sons	Sep. 2, 1953	2	8	8	"	D	Clay; limestone 35; blue shale 60.
Con XIX	"	O. West	D. Wright & Sons	Sep. 14, 1953	5	2	40	"	D	Clay loose stone 6; grey limestone 40; blue shale 46; red shale 61.
Con XX	"	H. Boswell	"	Oct. 22, 1954	2 1/2	100	15	"	C	Soil stones 6; limestone 35; red shale 58.
Con XX	"	A. McPhatter	Wright Bros. & S.	Jun. 25, 1954	4	2	40	"	D, S	Loam stones 12; limestone 51; red and blue shale 90.
GR	"	J. Edmonston	"	Nov. 20, 1953	6 1/2	1	30	"	D, S	Old well 100; hard blue limestone 140.
ORS Con II	"	I. McKinnon	D. Wright & Sons	Jul. 13, 1954	5	25	20	"	D, S	Gravel stones 5; limestone 87.
ORS Con II	"	E. Shipley	Wright Bros. & S.	Aug. 19, 1953	4 1/2	30	30	"	D	Previously drilled 30; limestone 97.
ORS Con II	"	M. E. Radbourne	"	Sep. 15, 1953	4 1/2	2 1/2	75	Slightly Sulphur	D	Top soil 1; stony yellow clay 30; brown limestone 45.
Neustadt	"	W. Weber	P. Boettger	Aug. 20, 1954	4	1	Flows	"	D	Loose coarse gravel 25; sandy clay 60; blue clay 143; shaly rock 163; hard blue rock 175.
Normanby Twp.	lot 18	A. Kirby	Pratt Bros.	Dec. 4, 1954	4	6	45	Fresh	D, S	Top soil 7; hardpan boulders 75; shale rock 93; hard blue limestone 105; hard grey limestone 136.
Con I	"	G. Wendon	E. A. Keeso	Jun. 16, 1953	4	13	16	Fresh	C	Top soil 2; sand 43; medium gravel 45.
Con II	"	J. Torrie	P. H. McLuhan	May 7, 1954	5	10	25	"	D, S	Dug well 55; gravel clay 82; shale 122; brown limestone 136.
Con III	"	H. Johnston	E. A. Keeso	Dec. 3, 1954	9	78	78	"	D, S	Dug well 24; shale 32; brown limestone 73; grey limestone 122.
Con V	"	G. Slickert	E. A. Keeso	Aug. 1, 1954	4 1/2	12	40	"	D, S	Top soil 2; coarse gravel 65; hardpan 70; grey limestone 90.
Con V	"	P. Boettger	P. H. McLuhan	Sep. 22, 1954	4	40	35	"	D, S	Top soil 2; sand gravel 70; shale rock 100.
Con VI	"	H. Derbecker	P. H. McLuhan	Apr. 21, 1954	4	5	60	"	D, S	Dug well 32; soft brown rock 49; hard brown rock 71.
Con IX	"	E. Gerhardt	E. A. Keeso	Aug. 4, 1954	4 1/2	10	22	"	D, S	Top soil 4; clay 42; quicksand 104; blue clay 117; blue rock 161; black rock 168.
Con X	"	W. Weber	"	May 1, 1954	4	10	30	"	D, S	Dug well 20; shale rock 25; limestone 73.
Con X Aytton	"	H. N. Miller	P. Boettger	Aug. 15, 1953	4	3	40	"	D	Dug well 21; limestone 73.
Con X	"	A. Mearns	"	Aug. 22, 1953	4	3	40	"	D	Top soil 2; stony hardpan 90; white limestone 110.
Con XII	"	St. Pauls	"	May 30, 1954	4	5	35	"	D	Sand gravel stones 32; till 64; blue shale 73; rock 92.
Con XII	"	N. Walter	G. L. Davidson	Aug. 7, 1953	4 1/2	10	46	"	D, S	Top soil 3; yellow clay 90; brown limestone 105.
Con XIII	"	O. Bernner	F. Boettger	Jun. 15, 1954	4	2	Flows	Slightly Sulphur	P	Sand gravel 90.
Con XVI	"	School S. #7	"	Jul. 20, 1953	4	2	10	"	P	Gravel stones 60; hardpan 65; grey limestone 85.
Con XVI	"	A. Hafermehl	"	Jul. 15, 1954	4	55	50	"	D, S	Sand gravel 90; rock 230.
Con XVII	"	W. Carlton	F. L. Davidson	Oct. 21, 1953	4	12	56	"	D, S	Top soil 5; rock 64.
Osprey Twp.	lot 10	L. Hamill	C. Bartley	Jul. 26, 1954	4	4	13	Fresh	D	Top soil 2; gravel 23; brown limestone 44; shale 45.
Con A.	"	J. Brodie	P. H. McLuhan	Oct. 3, 1954	4	10	29	"	D	Top soil 2; sand 32; blue rock 64; shale 65.
Con VI	"	G. Seely	P. H. McLuhan	Jul. 21, 1954	4	10	41	"	D	Top soil 2; gravel 21; brown rock 44; shale 45.
Con VII	"	A. McLeod	"	Oct. 1, 1954	4	10	33	"	D	Brown bedrock 69; shale 70.
Con IX	"	G. Sled	"	Aug. 27, 1954	4	10	56	"	D	Top soil 2; gravel 10; brown rock 74; shale 75.
Feversham	"	"	"	Sep. 9, 1954	4	5	55	"	D	Bedrock 46; shale 47.
Con IX	"	C. Crawford	"	Jul. 29, 1954	4	10	7	"	D	Top soil 2; gravel 15; brown rock 39; shale 40.
Con IX	"	W. Lawler	"	Aug. 5, 1954	4	10	20	"	D	Top soil 2; gravel 14; brown rock 40; shale 42.
Con IX	"	G. Ottowell	"	Aug. 12, 1954	4	10	17	"	D	Dug well 20; hardpan clay stones 80; white limestone 138.
DRN Con I	"	P. Batchelor	M. S. Bellerby	May 20, 1954	5	5	18	"	D, S	

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
GRAY COUNTY-cont. Osprey Twp.-cont. DRN Con III lot70 DAS Con III " 20	E.Seely W.W.Chaster	F.H.Wickham	Jul. 9, 1954 Jun. 9, 1954	4 4	10 10	12 15	12 15	Fresh "	D,S D,S	Dug well 21; rock 44; shale 45. Dug well 25; hardpan 45; coarse gravel 47.
Owen Sound Owen Sound	C.Pritzburger S.Arthur	D.Wright & Sons	Jun. 1, 1954 Jul. 15, 1954	4 1/2 4 1/2	2 1	15 20	12 12	Fresh "	D D	Yellow clay 10; shale rock 22; blue shale 30; red shale 45. Clay 3; shale rock 18; blue shale rock 22; red shale rock 31.
Proton Twp. Con XII lot 2	H.Riddle	Pratt Bros.	Oct. 26, 1954	4	10	36	35	Fresh	D,S	Top soil 3; blue clay stones 50; blue clay 116; white limestone 130.
St. Vincent Twp. Con VIII lot 12 Con VIII " 22 Con VIII " 18	F.Free E.Cavers F.Walters	W.W.Dinamore	Oct. 24, 1953 Oct. 1, 1953 Aug. 1, 1953	4 4 4	6 5 7	75 44 20	69 38 16	Fresh " "	D,S D,S D,S	Clay stones 20; gravel 218. Red clay 53; blue clay 85; sand gravel 108. Clay gravel 53; limestone 45.
Sarawak Twp. Con I lot 1 Con I " 3 Con I " 4 Con I " 26 Con II " 28 Con II Hoag " 33 Con II Hoag " 37 Con III " 12 Con III " 12	M.Cruickshank J.Budge R.Barfoot J.Grimscolby P.Miessch School S.#3 J.Monahan R.S.Barfoot	D.Wright & Sons	Nov. 15, 1953 Nov. 30, 1953 Aug. 29, 1953 Oct. 7, 1953 Jul. 8, 1953 Jul. 29, 1953 Jul. 16, 1954 Jul. 9, 1953	4 4 1/2 4 3 1/2 4 1/2 4 1/2 4 1/2 4 1/2	5 15 15 6 12 12 10 13	40 20 40 12 43 60 13	19 19 18 10 22 12 12	Fresh " " " " " "	D D D D D D D D	Limestone 35; blue shale 96. Clay 2; limestone 90; shale 114. Clay 4; bedrock 75; blue shale 80; red shale 105. Dug well 9; grey limestone 38; red shale 44. Soil 1; limestone 43. Rock 25; blue shale 35; red shale 60. Clay gravel 15; brown limestone 61. Lean stones 81; light-blue clay 25; blue shale 40; red shale 80; blue shale 100. Dry note.
Con III " 12 Con III " 20	School P.Paulust	D.Wright & Sons Wright Bros. L&A	Nov. 16, 1954 Aug. 21, 1954	4 1/2 4 1/2	3 44 1/2	3 44 1/2	2 16	Fresh "	P D	Clay 12; limestone 34; blue shale 40; red shale 105. Soil 12; limestone 13; shale 44 1/2.
Shallow Lake Shallow Lake Shallow Lake Shallow Lake Shallow Lake Shallow Lake	J.V.A.Leeder H.Smith W.Pruiser B.Noble H.Geomere	Wright Bros. R&S D.Wright & Son Wright Bros. L&A D.Wright & Sons	May 21, 1953 May 26, 1953 Jun. 23, 1953 Oct. 1, 1953 Oct. 7, 1953 Oct. 15, 1953	4 4 4 4 1/2 4 1/2 4 1/2	10 10 7 5 12 15	16 15 9 45 42 10	16 15 9 35 10 15	Fresh " " " " "	D D D D In D	Loam 5; gravel 10; clay 15; limestone 45. Hardpan 8; clay 12; limestone 38. Yellow clay boulders 9; limestone 33. Loose rock 30; brown rock 107. Dug well 15; limestone 42. Clay boulders 11; rock 35.
Sullivan Twp. Con I lot 3 Con I " 9 Con I " 19 Con I " 19 Williamsford, Con II " 13 Con III " 14	H.Donovan R.Wise W.Glosser Community Centre E.Weeden Blum Bros.	L.H.Weirmier L.H.Weirmier Community Centre "	Jul. 23, 1953 Aug. 7, 1953 Jun. 29, 1954 Jul. 6, 1954 Jul. 27, 1953 Oct. 4, 1954	4 4 4 4 4 4	8 2 10 10 8 4	54 19 34 26 1/2 20 Flows	54 19 24 26 1/2 19 Flows	Fresh " " " " "	D D D D D,S D,S	Top soil 1; gravel clay 18; hardpan 44; soft rock 51; rock 75 1/2. Top soil 2; gravel clay 32; grey and blue rock 76. Top soil 2; gravel clay 24; gravel 48; rock 62. Top soil 2; gravel clay 30; gravel 42; limestone 56 1/2. Top soil 2; red clay 8; soft rock 20; hard rock 35. Top soil 2; red clay 35; clay sand 90; soft brown rock 110; hard brown rock 133.
Con IV " 13 Con VII " 12 Con VII " 21 Con VII " 24 Con VII " 24 Con IX " 1 Con IX " 20 Con XI " 11 Con XI " 11 Con XIII " 2	School H.Brigham W.Albright W.Penton Community Rink D.Elder H.Klages W.G.Hemstock R.Thomson	E.J.Prat & Sons L.H.Weirmier Wright Bros. L&A L.H.Weirmier "	May 13, 1954 May 15, 1953 Apr. 29, 1953 Aug. 25, 1954 Aug. 24, 1953 May 15, 1953 Nov. 17, 1953 Jun. 10, 1954 Jun. 29, 1953	4 4 4 4 4 1/2 4 4 4 4	12 6 4 15 12 5 28 5 20	30 56 10 12 35 10 28 4 4	12 24 8 10 3 1/2 17 15 1 1/2 20	" " " " " " " " "	P D D,S D,S D,S D,S D,S D,S D,S	Old well 124; grey clay 166; gravel. Old well 34; white limestone 135; brown sandstone 162. Top soil 2; gravel clay 40; clay 60; hardpan 82; grey limestone 99. Top soil 2; gravel 35; rock 40. Soil 21; rock 35. Top soil 2; gravel hardpan stones 43; rock 43 1/2. Top soil 2; red clay 7; rough grey rock 20; grey limestone 131. Top soil 2; sand 18; sand clay 40; hardpan gravel 48; rock 51. Top soil 2; sand clay 10; grey clay sand 41; hardpan gravel 51; rock 61.
Con XIII " 21	E.Golem	"	Aug. 10, 1954	4	10	23	20	"	D,S	Top soil 2; gravel 25; red clay 40; grey sand 50; grey clay sand 85; gravel clay 94; rock 96.

GREY COUNTY-cont.

Locality	Owner	Date	4	4	28	18	Fresh	D.S.	Description
Sydenham Twp.									
CRN Con II lot 1	G. Best	Aug. 18, 1953	4	4	28	18	Fresh	D.S.	Sand gravel small stones 21; limestone 56.
Con XII lot 24	A. McCutcheon	Jul. 21, 1953	4	3	60	50	"	D.S.	Red clay layers of flag rock 85.
Con XII lot 7	S. Murray	May 9, 1953	4	4	45	30	"	D	Clay 18; brown rock 71.
Con XII lot 8	J. Jones	May 9, 1953	5	2	22	19	"	D	Clay 1; grey limestone 33.
Con XII lot 11	C. Johnston	Aug. 8, 1953	5	1	35	20	"	D	Clay 2; bedrock 41.
Con XII lot 14	L. Chapel	Jun. 16, 1954	5	10	35	22	"	D	Eatin 4; limestone 90.
Con XII lot 14	L. Georges	May 10, 1954	4	10	30	34	"	D	Soil 2; limestone 70; blue shale 75; red shale 120.
R.V. lot 4	E. Prestone	Oct. 8, 1954	4	10	115	40	"	P	Top soil 10; limestone 85; blue and red shale 115.
S.P.S. lot 4	E. McDonald	Jun. 11, 1953	4	10	16	16	"	D	Clay 2; limestone 35; blue shale 65.
S.P.S. lot C	E. Ferguson	May 5, 1953	4	10	6	16	"	D	Gravel clay 7; shell rock 18; shale 22.
S.P.S. lot C	W. Chapman	May 29, 1954	4	5	32	15	"	D	Yellow clay 10; red and blue shale 20; red shale 32.
S.P.S. lot C	J. Joseph	Jun. 2, 1954	4	1	15	14	"	D	Brown clay 8; shale rock 20; blue shale 22; red shale 26.
HALDIMAND COUNTY.									
Caledonia	R.D. Featherstone	Jan. 14, 1953	5	30			Mineral		Yellow clay 20; hardpan stones 29; shale gypsum 61. Not used.
Caledonia	"	Sep. 21, 1953	5						Yellow clay 17; blue clay 37; hardpan 53; broken shale a little gypsum 75; limestone streaked with blue shale 91. Dry hole.
Caledonia	"	Sep. 28, 1953	5	5	60	60	Fresh	C	Yellow clay 17; blue clay 37; hardpan 53; broken shale 70; limestone 79.
Caledonia	R. Bain	Nov. 24, 1953	5	10	43	39	"	D	Yellow clay 16; hardpan gravel stones 38; shell rock 45.
Canborough Indian Reserve lot 5	K. Hoto	Dec. 13, 1954	6	30	12	12	Fresh	D.S.	Blue clay 50; yellow clay 75; gravel 83.
Canborough Twp. lot 7	A. Bradford	Oct. 7, 1953	5	8	135	12	Fresh	S	Clay 70; hardpan 76; limestone 135.
Cayuga	W. Pillsinger	Apr. 25, 1953	5	25	35	35	Fresh	D	Clay 25; hardpan 45; sand fine gravel 47; shell rock 49.
Cayuga	Village of "Cayuga"	Jul. 27, 1953	8	34	31	31	"	P	Brown clay 30; limestone 47.
Cayuga	G.A. Dennis & Sons	Sep. 25, 1953	8	1	28	28	"	P	Brown clay 30; shale rock 38; gravel sand 49; shale rock 90; limestone 56.
Cayuga	A.P. Bush	Jun. 17, 1954	5	10	15	13	"	D	Yellow clay 3; coarse gravel 15; brown limestone 19.
Dunn Township. lot 1	O.J. Noble	Apr. 14, 1953	5	33	16	14	Fresh	D.S.	Clay 20; hardpan 45; gravel shell rock 55.
E.T. lot 1	E. Johnston	Nov. 23, 1953	5	12	10	10	"	C	Clay 42; limestone 46.
H.T. lot 29	B. Beteau	May 27, 1953	5	15	12	12	"	D	Clay 60; gravel 62.
H.T. lot 29	R. Eddie	Aug. 20, 1953	5	25	16	16	"	D	Clay 56; sand 57; gravel 58.
Hagersville	K. McClay	Sep. 24, 1953	6	47	120	57	Fresh	D	Clay 2; flint 28; limestone 75.
Hagersville	Village of Hagersville	Dec. 7, 1953	10	30			Sulphur		Clay 6; rock 29; green shale 38; brown limestone 97; grey shale 111; shale 120. Insufficient supply.
Jarvis	R. Hodgson	Oct. 1, 1954	6	10	35	32	Fresh	D	Clay 16; gravel boulders 20; flint 65.
Moulton Twp. Con III lot 5	B. Plauty	May 19, 1953	5	17	10	8	Fresh	Ir	Sand 10; clay 90; hardpan 124.
GRF R II lot 1	W.C. Milne	Jun. 5, 1954	6	30	10	8	"	D	Yellow clay 50; red clay 60; fine gravel clay 65; coarse gravel 73.
North Cayuga Twp. TEN Con I lot 47	H. Vanderburgh	Feb. 9, 1953	6	7	12	12	Fresh	D.S.	Limestone 12; flint 28; brown limestone 35.
TRB Con I lot 28	M. Menbacher	Feb. 24, 1954	6	3	66	65	"	D.S.	Hardpan 25; yellow clay 58; rock 68; brown limestone 83.
TRS Con I lot 28	M. Elgersma	Jun. 15, 1954	5	12	33	33	"	D.S.	Yellow clay 30; blue clay 37; coarse gravel 40; brown limestone 44.
Oneida Twp. Con III lot 19	O. Smith	Jun. 7, 1954	5	10	18	18	Fresh	D.S.	Yellow clay 20; blue clay 27; blue shale 30.
CTR. RW. lot 3	R. Nicholas	Dec. 21, 1954	5				"		Yellow clay 20; hardpan 35; limestone 58; limestone gypsum 90.
N.B. lot 4	A. H. Srettin	Aug. 14, 1953	5	20	40	40	"	D	Dry hole Yellow clay 18; blue clay 65; tough clay 69; blue shale 71.

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APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HALDIMAND COUNTY- cont.										
Onesida Twp.-cont. PR, RW lot 16 R.R. " 43	C. Xule M. Mago	R.D. Featherstone	Aug. 22, 1953 Jul. 7, 1953	5 1/2 5 1/2	20 20	42 41	49 41	Fresh "	D, S D	Yellow clay 6; tough clay stone 59; limestone 63. Yellow clay 24; blue clay 34; sand gravel 44; hardpan 51; shale 61.
Rainham Twp. Con I lot 8 Con I " 8 Con I " 10 Con I " 10 Con I " 10 Con I " 11 Con I " 11 Con I " 13 Con I " 13 Con I " 13 Con I " 19	C. Kindy S. Veomans S. Hopwood T. Lovergrove E. Turner E. Elliot W. Lyons Church of Christ. C. J. Dynes J. Lawson E. Fess G. A. Fulson	Montgomery Bros. " " H. Stewart Montgomery Bros. G.A. Dennis & Sons	Jan. 24, 1953 Nov. 14, 1953 Jul. 27, 1953 Jul. 29, 1953 Jun. 16, 1954 Jun. 18, 1954 Aug. 1, 1953 Nov. 10, 1953 Jul. 12, 1953	6 1/2 6 1/2 6 1/2 6 1/2 6 1/2 6 1/2 6 1/2 6 1/2 6 1/2 5 1/2	5 1 5 5 2 10 5 5 10 10	11 26 9 9 20 15 12 12 78	11 11 9 9 9 12 12 25	Fresh Sulphur " " Fresh Sulphur "	D D D D D D D D D D	Soil 9; flint 24. Soil 8; flint 26. Soil 16; flint 27. Soil 15; flint 24. Yellow clay 12; flint 45. Yellow clay 11; flint 21. Soil 9; flint 24. Clay boulders 9; flint 24. Clay 8; hard flint rock 78. Not used.
Con I " 25 Con I " 25 Con III " 1 Con IV " 16	C. J. Dynes J. Lawson E. Fess G. A. Fulson	Caughell Bros. R. Swayze Montgomery Bros.	Sep. 10, 1953 Sep. 20, 1953 Dec. 30, 1953 Nov. 27, 1953	5 1/2 5 1/2 5 1/2 5 1/2	17 17 5 5	14 16 12 12	12 14 12 12	" " Fresh "	D D D, S D	Clay 11; flint 30. Clay 13; flint 33. Clay 10; gravel 13; limestone 100. Dry hole. Clay 9; flint 29.
Seneca Twp. PR, WH RI lot 4 PR, WH RI " 9	P. Young K. McClung Gypsum Lime & Alabastine Co.	P. Spencer K. McClung R.D. Featherstone	May 15, 1953 Feb. 28, 1953 Aug. 26, 1954	4 1/2 4 1/2 5	18 20	35 36	35 36	Sulphur Fresh	S P	Clay 60; grey shale rock 80. Blue clay 40; blue soft shale 50. Dry. Yellow clay 15; blue clay 27; hard clay stones 32; gravel shell rock 37; blue shale 42; grey limestone 48; brown shale 50; grey limestone 52.
PR, EH, RI " 1 PR, EH, RI " 11	R. Miller Gypsum Lime & Alabastine Co.	A.B. Clark R.D. Featherstone	Aug. 19, 1954 Jan. 19, 1954	6 1/2 5 1/2	10 20	60 45	53 42	Sulphur Fresh	D P	Brown clay 23; blue shale rock 123. Yellow clay 5; stone tough yellow clay 29; hardpan shale 34; limestone 43; solid limestone gypsum 53; limestone 54; black shale 56.
R.R. York " 18 R.R. " 18 R.R. " 18 M. Anderson " 18 J. Smith " 18 R. Holt " 18	N. Smith P. Smith M. Anderson J. Smith R. Holt	Reicheld & Legere " " " R.D. Featherstone	May 27, 1954 Jun. 31, 1954 Jun. 3, 1954 Jun. 4, 1954 Jun. 18, 1954	5 1/2 5 1/2 5 1/2 5 1/2 4 1/2	6 6 5 5 20	40 48 50 50 56	40 48 48 50 34	" " " " "	D D D D D, S	Yellow clay 29; brown shale 35; brown limestone 47. Yellow clay 34; brown shale 38; brown limestone 42; blue shale 54. Yellow clay 33; brown shale 39; brown limestone 50; blue shale 55. Yellow clay 18; brown shale 26; brown limestone 32; blue shale 37. Yellow clay 16; blue clay 57; brown limestone 67; reddish shale 69; brown limestone 75; rock 79; grey limestone 81.
SC, RS Con III 13 SC, RS Con V 13 V.T.	J.H. Newman E. Shamon Grand York 15 Sport Club	Reicheld & Legere P. Spencer Reicheld & Legere	Jul. 5, 1954 Nov. 2, 1953 Jun. 22, 1954	5 1/2 4 1/2 5	20 3 20	28 16 10	28 16 10	" " "	D D D	Yellow clay 30; blue clay 45; gravel 51; quicksand 59; blue shale 69. Well 46; hardpan 50; limestone 54. Yellow clay 10; coarse gravel 14; brown limestone 19.
Sherbrooke Twp. Con I lot 18	E. Matthews	G.A. Dennis & Sons	Jul. 15, 1953	5 1/2	20	50	20	Sulphur	D	Yellow clay 17; rock 57.
Six Nations Indian Reserve Con V lot 2	M. Sandy	R.D. Featherstone	Jun. 8, 1953	5 1/2	20	33	33	Fresh	D, S	Yellow clay 22; hardpan gravel stones 50; black shale 52; blue shale 54.
South Cayuga Twp. Con VII lot 13 TRS Con IV " 13 TRS Con V " 16 TRS Con VII " 13	P. Edwards Caughell Bros. " L.J. DeCost	Caughell Bros. " E.A. Ricker & Sons	Jul. 20, 1954 Oct. 28, 1954 Aug. 20, 1954 Jul. 10, 1954	5 1/2 5 1/2 5 1/2 5 1/2	3 17 1 1/2 25	28 30 130 30	18 25 10 26	Sulphur Fresh Sulphur Fresh	D S S D	Clay 29; flint 38. Clay 95; sand 97; gravel 98. Clay 10; flint 70; brown limestone 110; shale 130. Yellow clay 20; hard flint rock 34.

HALDIMAND COUNTY-cont.

Walpole Township:									
Con I	lot 15	J.A.Howard	Sep.18,1954	6 1/2	2	60	55	Sulphur	D
Con I	lot 22	"	Sep.19,1954	6 1/2	15	12	12	Fresh	C
Con I	" 23	A.Vole	Sep.20,1954	6 1/2	10	15	13	"	D
Con I	" 23	K.Polley	Aug.20,1954	5 3/4	5	15	7	"	D
Con I	" 24	A.Daley	Jun.24,1954	5 3/4	15	15	7	"	D
Con I	" 24	"	Jun.25,1954	10	67	77	37	Sulphur	In
Con VII	" 4	Marshall Dairy	Jan.6,1953	6 1/2	2	19	26	Fresh	S
Con VIII	" 8	R.Ferson	Jun.27,1953	6 1/2	2	19	26	"	S
Con IX	" 6	A.Neehan	Feb.21,1954	6 1/2	6	20	14	Slight	S
Con IX	" 7	J.Johnson	Jun.10,1954	6 1/2	2	20	14	"	S
Con IX	" 13	R.Doughty	Oct. 9,1953	6 1/2	2	24	24	Fresh	D,S
Con X	" 13	W.Harrop	Jun.19,1953	6 1/2	5	10	10	"	D
Con X	" 23	S.W.Merritt	Aug. 7,1954	5 3/4	5	26	10	"	D
Con X	" 24	H.Clark	Jun.21,1954	5 3/4	5	10	10	"	D
Con X	" 24	B.McDonald	Jun.22,1954	5 3/4	2	12	3	"	D
Con XIV	" 9	W.McKeen	Feb. 6,1954	6 1/2	2	12	3	"	D
Con XV	" 4	R.Martin	Feb.27,1954	6 1/2	25	17	30	"	S
Con XV	" 5	J.Elmore	Feb.11,1954	6 1/2	5	20	17	"	D
Con XV	" 6	M.Harr	Nov.25,1954	6 1/2	5	20	17	"	S
Con XVII	" 2	R.Hoskins	May 27,1954	6 1/2	1 1/2	50	16	Sulphur	S
HALLIBURTON COUNTY:									
Gardiff Twp.									
Con IX	lot 29	School	Feb.19,1954	6 1/2	3	34	28	Fresh	P
Con IX	lot 25	I.Bowen	Mar.31,1954	6	8	15	10	"	D
Dysart Twp.									
Con VI	lot 24	O.Kellett	Sep. 3,1953	6 1/2	14	50	18	Fresh	D
Con VIII	" 14	High School	Aug.22,1953	6	6	40	15	"	P
Con IX	" 17	N.J.Biagi	Aug.29,1953	6	3	186	80	"	D
Harcourt Twp.									
Con II	Mumford	C.Schwandt	Oct.10,1953	6 1/2	2	76	58	Fresh	D
Con II	" 16	E.D.Warren	Oct.17,1953	6 1/2	2 1/2	30	3	"	D
Lutterworth Twp.									
Con X	lot 4	B.Bowron	Feb.22,1954	5	2 1/2	53 1/2	3 1/2	Fresh	D
McClintock Twp.									
Con XII	lot 5	A.C.Sloan	Apr.18,1953	5	1 1/2	28	19	Fresh	D,C
Minden Twp.									
Con A.	lot 1	R.Ward	Feb.25,1953	5	12	45	23	"	P
Con II	" 1	Ont.HydroElec	Jan.15,1953	6	1	59	25	"	P
Con II	" 1	Ont.Dep.Land and Forests	Feb. 5,1953	6	1	32	25	"	P
Con II	" 2	M.Spenceley	Sep.22,1954	5	5	41 1/2	23	"	D
Con VI	" 3	L.Richards	May 1,1954	5	1	40	23	"	D
Con VII	" 15	L.Shuyler	Jun.12,1954	8	5	25	25	"	D
Con XIII	" 15	J.J.Doran	Jul. 8,1953	5	3 1/2	41 1/2	23	"	D
Con XIII	" 15	C.D.Weaver	Jul.18,1953	5	1	40	23	"	D
Monmouth Twp.									
Con II	lot 17	J.Woods	Nov.12,1953	6 1/2	5	5	5	Fresh	D
Sherborne Twp.									
Con B	lot 13	B.Czuchwichi	May 15,1953	5	1	40	23	Fresh	P
Snowdon Twp.									
Con IV	lot 26	S.L.Click	Jul.27,1953	5	5	5	5	"	P

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Conc.	Lot	J. Haines	J.R. Sprowl	Apr. 6, 1953	4	5	35	30	Fresh	D	
Con X	22	J. Haines	J.R. Sprowl	Apr. 6, 1953	4	5	35	30	Fresh	D	Gravel clay stones 64; red shale 91.
Con X	22	R. Haines	"	Apr. 23, 1954	4	95	95	30	Slight	D	Dug well 5; gravel clay sand 50; red shale 95.
Con X	22	R. Haines	"	May 7, 1954	4	85	85	32	King's	D	Clay with gravel stones 60; red shale 85.
Con XI	"	R. Richardson	"	Sep. 8, 1953	6	1	61	28	Fresh	D	Gravel stones clay 30; red shale 61.
Con XI	"	School	"	Nov. 20, 1953	6	15	15	10	"	P	Stones with clay 5; hard red shale 51.
Con XI	"	H. Smithson	C. McClure	Nov. 19, 1954	4	15	15	18	"	D	Top soil 5; large boulders 15; red shale 40.
Con XI	"	C. Moreton	J.R. Sprowl	Mar. 29, 1954	6	74	74	25	Slight	D	Clay and gravel mixed 27; red shale 74.
Con XI	"	G. Harris	C. McClure	Jul. 30, 1954	4	70	70	22	Salt	D	Stones gravel 8; blue clay 50; red shale 78.
Con XI	"	M. Moffat	"	Dec. 24, 1954	4	30	30	16	Fresh	D	Gravel boulders 10; red clay 15; red shale 54.
Con XI	"	A. Ostrander	"	Feb. 18, 1954	4	4	30	30	"	D	Top soil 5; grey hardpan 15; grey sand 30; gravel 45;
Con XI	"	P. Larsen	J.R. Sprowl	Feb. 3, 1954	4	8	40	40	"	D	Fine white sand 20; blue clay and gravel mixed 40; red shale 102.
Georgetown	"	Twn. Georgetown	Dom. Drilling & Equipment Co.	Oct. 11, 1953	3		2	2	Fresh	T	Surface 6; sand gravel clay 13; clay 21; fine gravel sand 35;
Georgetown	"	"	"	Oct. 13, 1953	3		7	7	"	T	Surface 3; fine sand 63; fine sand gravel 75; fine sand red clay 96; blue clay 101.
Georgetown	"	"	"	Oct. 15, 1953	3		4	4	"	T	Surface 3; fine sand 41; gravel sand 80; red sand clay 90.
Georgetown	"	"	"	Oct. 17, 1953	3		0	0	"	T	Surface 6; clay 13; fine sand 35; gravel sand 40; hard fine sand 60; gravel sand hardpan 90.
Georgetown	"	"	"	Oct. 21, 1953	3		4	4	"	T	Surface 5; red sand 13; blue clay 42; gravel sand 57; fine sand 71; clay hardpan 90.
Georgetown	"	"	"	Oct. 21, 1953	3		3	3	"	T	Surface 6; fine sand 28; gravel sand 35; fine sand 86; gravel sand 95; red clay gravel 100.
Georgetown	"	"	"	Nov. 13, 1954	20		4	4	"	P	Surface 3; fine sand 41; gravel sand 80; red sand clay 90.
Milton	"	J. Dill	E.A. Gore	Apr. 15, 1954	6	4	20	20	Fresh	D	Clay some gravel 50.
Nassagaweya Twp.	"	"	"	"	"	"	"	"	"	"	"
Con I	2	K. Stokes	E. Pegg	Oct. 1, 1954	5	12	12	10	Fresh	D	Earth 11; stones 12; dark grey rock 24; shale rock 29.
Con I	3	E. Haskins	"	Sep. 4, 1954	5	7	32	30	"	D	Soil 1; boulders 9; limestone 45.
Con I	7	R. Laking	J.L. Graham	Feb. 9, 1954	5	27	16	16	"	D,S	Old well 23; clay stones 26; sand gravel 28; brown rock 31; hard grey rock 46; brown rock 58; white rock 81; blue rock 89.
Con II	18	G. Campbell	"	Dec. 29, 1953	4	5	40	15	Slight	D,S	Clay stones 11; black rock 50; hard blue rock 95.
Con II	32	H. Ferguson	J.R. Sprowl	Dec. 8, 1953	4	15	7	7	Sulphur	D	Surface earth 3; black flint 12; limestone 49.
Con II	32	L. Glauser	"	Dec. 26, 1953	4	10	6	6	"	D	Stones gravel 10; limestone 35.
Con II	32	K. Orthlich	C. Hill	May 15, 1954	4	10	70	50	"	D	Rough gravel stones 40; hard grey limestone 126.
Con II	32	W. Lebeuz	J.R. Sprowl	Nov. 15, 1954	4	7	35	35	"	D	Gravel & clay mixed 25; limestone 78.
Con III	5	L. Mitchell	J.L. Graham	Sep. 15, 1954	5	4	57	32	"	D	Top soil 3; gravel clay 5; red clay 46; grey clay 48; gravel clay 51; blue rock 68; grey rock 87; red shale 89.
Con IV	3	D. Perrier	"	Sep. 21, 1953	5	4	68	28	"	D	Top soil 3; clay boulders 16; cemented gravel 18; clay gravel 35; cemented gravel 38; grey rock 64; light-blue rock 84.
Con IV	"	"	"	"	"	"	"	"	"	"	Sandy loam 8; gravel boulders 20; blue limestone 35; white limestone 71; brown limestone 73.
Con IV	"	"	"	"	"	"	"	"	"	"	Dug well 16; limestone 55.
Con IV	"	"	"	"	"	"	"	"	"	"	Clay and gravel mixed 23; sand 33; limestone 65.
Con V	17	W. Chamberlain	O.H. Gow	Nov. 20, 1953	4	7	20	20	"	D,S	Top soil 3; clay boulders 64; gravel 70.
Con V	15	J. Orrutt	J.R. Sprowl	Aug. 27, 1954	4	8	25	15	"	D,S	Top surface earth 5; grey limestone 65.
Con VI	18	School	"	Apr. 18, 1953	4	7	25	25	"	D	Clay stones sand 2; limestone 53.
Con VI	21	I. Little	"	Oct. 14, 1954	4	8	35	30	"	P	Sand and clay mixed 20; clay gravel clay 63; grey limestone 106.
Con VI	22	C. Thomson	"	Oct. 18, 1954	4	15	7	6	"	D,S	Top earth 1; limestone 42.
Con VI	32	B. Gates	"	Oct. 29, 1953	4	15	20	20	"	D	Top loam 5; top limestone 10; grey limestone 61.
Con VII	5	C. MacArthur	E.A. Gore	Jun. 1, 1953	4	7	30	30	"	D	Heavy gravel boulder 41; limestone 61.
Con VII	"	"	"	Jul. 19, 1954	6				"	"	Dug well 30; clay 80; quicksand 140. Dry hole.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HALTOM COUNTY-cont. Massagaweya Twp. cont.										
Con VII lot 20	J. Morrison	J.R. Sprowl	Oct. 24, 1953	4	10	42	32	Fresh	D, S	Gravel sand clay 55; limestone 113.
Nelson Twp.										
Con I lot 1	T. Miller	C. Goodberry	May 26, 1954	5	10	15	15	Fresh	D	Gray limestone 28; brown shale 32; dark-grey limestone 45.
Con I " 1	"	"	Sep. 28, 1954	5	8	68	63	"	D	Brown clay loam 6; grey limestone 81.
Con I " 6	G. Harris	"	Oct. 25, 1953	5	5	31	31	"	D	Clay 28; gravel 35; hardpan 40; shale 49; brown limestone 61.
Con II " 9	J.R. Davey	"	Jan. 3, 1954	5	5	98	40	"	D	Loam 5; clay 42; quicksand 81; blue shale 83; red shale 98.
Con II " 9	G. Harris	"	Jan. 23, 1954	5	5	42	30	"	D	Gravel 7; shale 12; limestone 30.
Con II " 9	G. Parnham	E. Pegg	Aug. 22, 1954	6	5	42	30	"	D	Red clay 10; blue clay shale 42.
Con II " 9	G. Parnham	"	Sep. 29, 1954	6	5	44	14	"	D	Clay 10; red shale 15; grey shale 44.
Con III " 1	N. Hunt	W. Packham	Jun. 28, 1954	6	10	7	7	"	D	Boulders gravel 5; limestone 25.
Con III " 15	J.O'Connor	J.R. Sprowl	Apr. 14, 1953	6	10	12	9	"	D	Topsoil 1; limestone 43.
Con IV " 1	C. Hewer	C. Goodberry	Jan. 5, 1954	6	18	12	9	"	D	Clay and gravel mixed 6; limestone 33.
Con VI " 1	J. Coulson	T.H. Rutledge	Jul. 10, 1953	6	12	12	12	"	P	Dug well 5; red shale 46.
Lutheran Congre										
Con VI " 6	A. Jaing	R.P. Core	Oct. 26, 1954	6	30	32	2	"	D	Clay 8; blue clay 50; sand fine gravel 69.
DSN Con I " 1	R. Stevenson	"	Nov. 20, 1953	6	13	20	12	"	D	Dug well 27; red shale 73.
DSN Con I " 4	A. Slater	S.W. Merritt	Jul. 8, 1954	6	13	20	12	"	D	Pine sand 16; soft red shale 34; hard red shale 51.
DSN Con I " 17	J. Watson	J.O'Connor	May 20, 1954	5	10	20	14	"	D	Blue clay 35; limestone 58; white gravel 60.
DSN Con I " 21	N. Vivian	C. Goodberry	Oct. 10, 1953	6	10	20	14	"	D	Clay 6; limestone 46.
DSN Con I " 22	L. Holton	S.R. Gill	Apr. 13, 1954	6	10	40	25	"	D	Brown clay 44; limestone 90.
DSN Con II " 5	R. Simpson	R.P. Core	Aug. 10, 1954	6	10	18	11	"	D	Clay 5; blue clay 45; stones clay 51; red shale 77.
DSN Con II " 6	G. Grathane	E.A. Core	Nov. 5, 1954	6	10	18	11	"	D	Clay 18; red clay 95.
DSN Con II " 10	B. Rattan	C. Goodberry	Oct. 14, 1953	6	10	40	27	"	D	Clay 8; limestone 51.
DSN Con II " 15	P. Miller	J.O'Connor	Jun. 21, 1954	5	12	42	14	"	D	Boulders gravel 3; limestone 40; white sand 42.
DSN Con II " 16	G.L. Sheppard	"	Jun. 21, 1954	5	12	20	16	"	D	Boulders gravel 3; limestone 40; white coarse sand 42.
DSN Con II " 17	"	C. Goodberry	Dec. 17, 1954	5	12	17	10	"	D	Sandy loam 16; soft grey limestone 24; hard grey limestone 85; green shale 85.
DSN Con II " 20	H. McCay	"	Nov. 5, 1954	5	5	46	9	"	D	Clay coarse gravel 11; grey limestone 31.
DSS Con I " 4	W. Ashley	S.W. Merritt	Jul. 10, 1954	5	5	40	12	SI. Salt	D	Sand 14; red shale 46.
DSS Con I " 4	W. Krouchuk	"	Jul. 28, 1954	5	11	40	14	Fresh	D	Boulders clay 8; red shale 50.
DSS Con I " 4	W. Blanchette	R.P. Core	Oct. 1, 1954	6	11	20	16	"	D	Clay 17; red shale 44.
DSS Con I " 4	W. Wiersma	"	Oct. 6, 1954	6	11	20	16	"	D	Clay 3; sand 25; red shale 51.
DSS Con III " 11	P. Kazimer	S.R. Gill	Sep. 4, 1954	6	7	10	8	"	D	Brown clay 7; red shale 33.
Trafalgar Twp.										
Con I lot 15	J.W. Campbell	E.A. Core	Jul. 10, 1953	6	5	10	Flows	Fresh	D	Cellar 6; clay sand 26; red rock 43.
Con II " 10	E. Stover	"	Feb. 9, 1954	6	4	35	33	"	D	Clay gravel 51; red rock 67.
Con II " 10	W. Dales	"	Mar. 11, 1954	6	4	32	30	"	C	Clay gravel 49; red rock 70.
Con III " 1	W. Lawrence	R.P. Core	May 12, 1954	6	2	20	10	"	D	Clay 47; red shale 59.
Con III " 4	Polish Village Farm.	E.A. Core	Apr. 12, 1953	6	5	20	20	"	D, S	Clay sand 50; red rock 73.
Con III " 4	J. Sherin	R.P. Core	Jun. 17, 1954	6	10	10	10	"	D	Clay 55; red shale 61.
Con III " 6	School	"	Jan. 7, 1954	6	3	24	24	"	D	Clay 60.
Con III " 10	W.J. Guild	J.R. Sprowl	Oct. 16, 1953	6	1	66	20	"	C	Gravel clay 45; red shale 66.
Con III " 13	C. Wickens	E.A. Core	Nov. 21, 1953	6	4	10	10	"	D	Clay 38; red rock 60.
Con III " 13	Can. Pigm. Chem.	R.P. Core	Feb. 9, 1954	6	12	11	11	"	In	Clay 28; red shale 66.
Con IV " 1	Rotary Club	"	Jul. 9, 1954	6	30	30	30	"	P	Dug well 18; red shale 73.
Con IV " 5	R.P. Ford	"	Sep. 20, 1954	6	10	10	10	"	D	Clay 23; sand 45; gravel 48; red shale 63.
Con IV " 5	W. Featherstone	"	Feb. 18, 1953	6	12	12	12	"	D	Clay 48; red shale 59.
Con IV " 10	P. Patterson	"	Jun. 4, 1954	6	2	4	4	"	D	Clay 30; red shale 41.

HALTON COUNTY-cont.

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1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HATTON COUNTY-cont. Thatcher Twp. cont. DSS Con IV lot 25 DSS Con IV " 33	M. Brown DSS S. Mackuch	Brodie & Dennis "	Jun. 22, 1953 Jul. 6, 1953	6 1/2 6 1/2	3 1/2 10	35 19	6 8	Sulphur Fresh	D D	Clay 4; hard shale 35. Sand 9; hard shale 25.
HASTINGS COUNTY Bancroft Bancroft Bancroft	G.J. Clarke W. Thomson C. McAlpine	V.H. Marquardt " "	Oct. 25, 1954 Nov. 23, 1954 Dec. 30, 1954	4 4 4	1 8 4	90 75 60	18 40 30	Fresh " "	D C D	Brown soil 20; red and grey granite 106 1/2. Fine sand 30; limestone 100. Brown soil 4; dark-grey rock 336.
Bancroft Twp. Con VII lot 21	School S.#5	V.H. Marquardt	Aug. 5, 1953	4	5	12	3	Fresh	P	Brown soil 3; light-grey granite 53; red granite 55; dark-grey granite 62.
Belleville	Glen Roy Creameries	W.H. Davy & Son	Feb. 22, 1954	8	33	7	4	Salt	In	Fill clay 10; layers of hard and soft blue limestone 50; hard grey limestone 230; shaly limestone 237.
Belleville	H. Murray W.R. McCreary	McMillan/Gartley C.J. Fraser	May 21, 1954 Sep. 24, 1954	6 8	2 20	32 125	4 Flows	Mineral Salt	In In	Clay shale 5; limestone 37. Clay small stones 2; shale 4; limestone 232; red shale 23; red granite 260; grey granite 265; dark-green rock 292; red granite 318. Grey limestone 25.
Belleville	E. Wood	G.H. Chalk Jr.	Sep. 27, 1954	6	1		6	Fresh	D	Till 5; dolomite 40. Sand 2; dolomite 3. Sand 2; dolomite 23. Sand 2; dolomite 35. Sandy clay 13; hard blue volcanic rock 35. Dolomite 45; grey granite 50. Till 9; dolomite 41; black trap 55; dolomite 65; grey granite 190; red granite 192.
Cashel Twp. Con II lot 27 Con II " 28 Con III " 27 Con III " 27 Con IV " 25 Con IV " 25 Con IV " 26	B. Dafoe C. Frumble H. Hamm L.A. Hawkins R. Gray R. Mitas	C.J. Fraser " " " " "	May 6, 1953 Jun. 30, 1953 Jun. 3, 1953 Jun. 10, 1953 Jul. 15, 1954 Jul. 9, 1953	6 6 6 6 6 6	12 40 20 10 20 3	10 35 35 35 10 50	10 14 10 11 10 15	Fresh " " " " "	P D D D D D	Sandy loam 7 1/2; granite 120. Brown sandy loam 3; black diorite 25. Soil 4; black and green diorite 47. Sand 6; clay hardpan 40. Sand 8; limestone 66. Granite 90. Clay 6; volcanic rock 39. Clay 6; white limestone 53. Granite 50.
Deloro	School	C.J. Fraser	Oct. 17, 1953	8	30	21	21	Fresh	P	
Elzevir Twp. Con I lot 14 Con I " 3 Con II " 14 Con III " 2 Con III " 16 Con III " 14 Con III " 14 Con III " 14 Con VI " 3 Con VI " 3 Con VIII " 1 Con IX " 15	School S.#3 R. Cadwell H. Lashway School S.#4 School S.#1 J.P. Parks C.J. Watts School S.#7	L.B. Macdonald E. Taylor " L.B. Macdonald " " C.J. Fraser L.B. Macdonald	May 4, 1953 Apr. 21, 1954 Mar. 10, 1953 Apr. 3, 1953 Nov. 26, 1953 Mar. 16, 1954 Jun. 11, 1954 Aug. 17, 1953 Apr. 1, 1953	6 1/2 5 5 6 1/2 6 1/2 6 1/2 6 1/2 5 1/2	4 1 8 1 2 3 3 3	120 9 37 22 66 90 39 12 50	58 9 27 7 36 55 10 5	Fresh " " " " " " "	P P P P P C C P	
Paraday Twp. Con A lot 2	A. Vaseleau	V.H. Marquardt Son	Jul. 23, 1953	4	5	45	40	Fresh	D	Hardpan 8; dark rock 105.
Frankford	L.H. Rowe	J.W. Summers	Feb. 5, 1953	5 1/2	8	9	9	Fresh	D	Old well 20; reddish-brown sand 30; gravel 39.
Frankford	Bata Shoe Co.	C.J. Fraser	Feb. 16, 1953	6	3	42	10	Sulphur	D	Gravel boulders 5; clay 12; sand 14; limestone 42.
Frankford	J. Conlon	"	Sep. 2, 1953	8	20	12	12	Fresh	D	Dug well 12; limestone 38.
Frankford	V. Chard	"	Sep. 3, 1953	6						Clay 9; limestone 40. Dry hole.
Frankford	R. Morne	"	Jul. 4, 1954	12	15	5	5	Fresh	In	Till 5; limestone 33.
Frankford	R. McMillen	"	Aug. 9, 1954	6	2	18	5	"	D	Clay 10; limestone 75. Dry hole. Dark sandy soil 25.
Frankford	K.M. King	McMillan/Gartley	Nov. 17, 1954	6						
Hungersford Con II lot 15 Con II " 35	J. Alexander School S.#18	McMillan/Gartley T.E. Richmond	May 24, 1953 Nov. 1, 1954	5 6 1/2	1 1/2 5	27 30	9 36	Fresh "	D P	Clay stone 9; limestone 32. Clay loam 4; hardpan 43; fine sand 45; grey limestone 57; blue limestone 61. Sand gravel 72.
Con IV " 1	C. Carter	L.B. Macdonald	Sep. 30, 1954	6	3	42	42	"	D	

HASTINGS COUNTY-cont.

Hungerford Twp.-cont.									
Con IV	lot 1	R. Robinson	L.B. Macdonald	Oct. 7, 1954	6	77	47	Salt	D
Con IV	"	T. White	V.X. Miller	Jun. 26, 1953	6	61	20	Fresh	C
Con IV	"	M. Irvine	E. Taylor	Sep. 23, 1954	1 1/2	20	10	Sulphur	S
Con IV	"	School S. #9	"	Sep. 21, 1954	6	50	24	Fresh	P
Con VII	"	T. Legue	"	Oct. 22, 1954	6	1	30	"	P
Con VIII	"	B.M. Countryman	L.B. Macdonald	Jul. 22, 1953	6 1/2	59	10	"	D
Con VIII	"	P.J. Whalen	"	Sep. 22, 1954	6 1/2	23	10	"	D
Con VIII	"	A. Alphen	"	Aug. 24, 1954	6	5	10	"	D
Con X	"	G. Mouch	"	Feb. 4, 1953	6 1/2	14	14	"	D
Con X	"	T. Wheeler	E. Taylor	Oct. 27, 1954	6	1 1/2	10	"	P
Con XI	"	School S. #17	L.B. Macdonald	Jan. 6, 1953	6 1/2	100 1/2	13 1/2	"	P
Con XI	"	Nicols Chemil	C.J. Fraser	Feb. 11, 1953	8	40	10	"	D
Con XII	"	C. Wright	L.B. Macdonald	Jan. 15, 1954	6 1/2	34	28	"	D
Con XIII	"	J.E. Hallstone	C.J. Fraser	Sep. 21, 1954	6	2	50	"	D
Con XIV	"	D. Stephenson	L.B. Macdonald	Jan. 29, 1954	6 1/2	67 1/2	12	"	D
Huntington Twp.									
Con II	lot 14	R.W. Kirby	L.B. Macdonald	Jul. 9, 1953	6 1/2	7	62	Fresh	P
Con II	"	School	C.H. Chalk Jr.	Nov. 6, 1954	6	10	55	Sulphur	P
Con II	"	K. Secharum	C.J. Fraser	Jul. 26, 1953	6	1	62	"	D
Con II	"	C. Post	G.H. Chalk Jr.	Nov. 11, 1954	6	1	17	"	P
Con VI	"	School S. #103	C.J. Fraser	Aug. 22, 1953	6	3	38	"	D
Con VI	"	United Church	E. Taylor	Jun. 29, 1953	5	3	16	"	D
Con XI	"	F. Lyndall	B. Smiley	Oct. 19, 1953	6	40	38	"	D
Con XII	"	D. Hawley	"	Jun. 2, 1953	6	25	12	"	D
Con XII	"	L. Murdock	"	Oct. 15, 1953	6	25	8	"	D
Con XIII	"	T. Swift	E. Taylor	Oct. 16, 1954	6	100	12	"	D
Limerick Twp.									
HRE	lot 38	O. Purry	B. Smiley	Jun. 7, 1953	6	1	30	Fresh	D
HRE	"	M. Martin	"	Jun. 10, 1953	5	3 1/2	20	"	D
HRE	"	School S. #3	C.J. Fraser	Oct. 22, 1953	5	30	14	"	P
Madoc	"	G. Leppard	E. Taylor	Jan. 20, 1953	5	15	15	Fresh	D
Madoc	"	G. Gillespie	B. Smiley	Mar. 17, 1953	6	65	17	"	D
Madoc	"	T. Caverly	E. Taylor	Apr. 1, 1953	5	15	16	"	D
Madoc	"	G. Woodcox	C.J. Fraser	Jul. 10, 1953	5	20	16	"	D
Madoc	"	A. Ochrane	E. Taylor	Nov. 25, 1953	5	8	20	"	D
Madoc	"	C. Derry	"	Dec. 3, 1953	5	1 1/2	25	"	D
Madoc	"	G. Devolin	"	Dec. 3, 1953	5	15	19	"	D
Madoc	"	C. Pigden	C.J. Fraser	Oct. 26, 1954	6	20	10	"	D
Madoc Twp.									
Con V	lot 3	A. Gordon	E. Taylor	Aug. 7, 1954	6	1 1/2	10	Fresh	D
Con V	"	J. Jonly	C.J. Fraser	Feb. 7, 1953	6	60	16	"	D
Con VI	"	Q. Reene	E. Taylor	Aug. 28, 1954	6	100	18	"	D
Con VI	"	K. Burris	"	Oct. 14, 1953	5	5	20	"	S
Con VI	"	K. Rankin	"	Oct. 9, 1954	5	1 1/2	17	"	D
Con VI	"	W. Foote	"	Sep. 15, 1953	5	38	8	"	D
Con VII	"	T. Moore	"	Oct. 1, 1954	6	10	15	"	D
Con IX	"	F. Palmer	C.J. Fraser	Dec. 21, 1954	6	10	20	"	D, S
Marmora	"	Bethlehem Mines	C.J. Fraser	Jan. 16, 1953	6	3	35	Fresh	D
Marmora	"	B. Smith	"	Jan. 27, 1953	8	60	2	"	In
Marmora	"	Wess Sweet Co.	"	Mar. 9, 1953	8	40	152	"	C
Marmora	"	Wells Bros.	"	Mar. 24, 1953	8	40	25	"	D

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HASTINGS COUNTY-cont										
Marmora	N.R. Jackson	E. Taylor	Apr. 18, 1953	5	15	4	4	Fresh	C	Blue clay boulders 13; grey and blue limestone 39.
Marmora	P. Hannah	C.J. Fraser	Apr. 20, 1953	8	40	20	10	"	"	Clay 10; sandy clay 45; limestone 60.
Marmora	Wells Bros.	"	Apr. 23, 1953	6	24	60	13	"	"	Clay 5; clay stones 9; sand 21; clay 37; gravel 49; limestone 60.
Marmora	G. Ger	"	Apr. 28, 1953	6	30	70	Flores	Cultuur	D	Clay 5; sand 10; gravel 12; hardpan 25; sand 23; limestone 40; red shale 70.
Marmora	W.B. Wilde	C.J. Fraser	May 6, 1953	6	3		10	Fresh	D	Earth sod 2; sand 12; clay boulders 14; limestone 30; red shale 45; black trap rock 48.
Marmora	T.A. Wilson	"	May 8, 1953	6	20	21	11	"	D	Till 3; limestone 45.
Marmora	A. Fenton	"	May 25, 1953	6	14		21	"	D	Clay 5; hardpan 20; sand 27; clay 42; gravel 50; limestone 67; red shale 75.
Marmora	W. Sullivan	E. Taylor	Aug. 27, 1953	5	1 1/2	30	6	"	D	Sand clay 21; limestone 42.
Marmora	A. Fraser	C.J. Fraser	Aug. 30, 1953	5	20	60	20	"	D	Black clay 2; sandy clay 11; hardpan 29; limestone 60.
Marmora	M. Campbell	"	Oct. 10, 1953	8	20	40	25	"	D	Dug well 25; limestone 55.
Marmora	Wells Bros.	E. Taylor	Dec. 12, 1953	5	1	40	2	"	D	Grey clay 10; hard and soft grey shale 35; grey limestone 40.
Marmora	R. Wells	"	May 20, 1954	5	1 1/2	12	12	"	D	Soil clay 8; limestone 53.
Marmora	J. Dunlay	"	May 31, 1954	5	1 1/2	29	27	"	D	Soil clay 20; limestone 57.
Marmora	J. Murray	"	May 31, 1954	6	16	43	24	"	D	Brown clay stones 20; grey limestone 57.
Marmora	D. Smith	C.J. Fraser	Jun. 20, 1954	6	15	20	20	"	D	Clay 2; till 5; hardpan clay 18; limestone 30.
Marmora	W. Deline	"	Jun. 25, 1954	6	15	38	38	"	D	Till 6; limestone 62.
Marmora	C. Nickle	"	Jun. 25, 1954	6	40	30	30	"	C	Previously dug 18; limestone 52; red limestone shale 62.
Marmora	School	"	Jul. 12, 1954	8	45	70	30	"	P	Sand clay 13; clay 22; limestone 45; red shale 50; limestone 82; red shale 75.
Marmora	G & H Christie	"	Jul. 26, 1954	6	20	40	40	"	D	Clay boulders 9; limestone shale 20; hard white limestone 102; red shale 105; limestone 108; red shale 125.
Marmora	R. Wells	"	Oct. 19, 1954	6	30	24	14	"	D	Clay 10; sand 17; clay boulders 50; limestone 68.
Marmora	C. Conkright	"	Oct. 29, 1954	6	5	55	5	"	D	Clay small boulders 14; limestone 58.
Marmora Twp.										
Con I	C. Chard	C.J. Fraser	Nov. 14, 1953	6	20	30	19	Fresh	D	Till 2; grey granite 43.
Con I	D. Ellis	A. Kennedy	Jun. 2, 1953	5 1/2	1	24	20	"	D	Earth 24; grey granite 42.
Con II	R. Pitman	C.J. Fraser	Aug. 24, 1954	8	20	156	60	"	D	Clay 2; limestone 134; red shale 156.
Con III	R. Young	"	Apr. 1, 1953	8	25	116	36	"	D	Till 2; limestone 95; red shale 150; trap rock 160.
Con III	D. Ross	E. Taylor	Jul. 3, 1953	5	1 1/2	18	38	"	D	Loam clay 8; limestone 29.
Con V	Bethlehem Mines	C.J. Fraser	Jan. 23, 1953	5	4		11	"	D	Clay 7; limestone 40.
Con V	W. Wilson	"	Jan. 23, 1953	6	4		15	"	D	Clay stones 9; limestone 85; red shaly limestone 115; precambrian 116.
Con V	J. Ronbough	E. Taylor	Apr. 30, 1954	5	8		8	"	D	Brown clay boulders 3; limestone 50.
Con V	M. McCoy	C.J. Fraser	May 6, 1954	5	3	12	8 1/2	"	D	Sand gravel 30; grey limestone 48; red limestone 50.
Con VI	W. Lavender	E. Taylor	Nov. 3, 1954	5	20	10	10	"	D	Clay stones 34; limestone 71.
Con VI	P.D. Crowder	C.J. Fraser	Aug. 13, 1953	5	1 1/2	12	12	"	C	Soil clay boulders 11; limestone 45.
Con VII	R.J. Reggadmorn	"	May 15, 1953	6	30	10	10	"	D	Till 2; dolomite 145. Dry hole.
Con VII	G. Robson	"	Dec. 10, 1953	6	15	35	10	"	D	Till 5; limestone 32.
Con VII	"	"	Dec. 18, 1953	6	2	35	10	"	D	Till 4; dolomite 35.
Con VII	"	"	Jul. 21, 1954	6	15	77	10	"	D	Sandy clay 3; hard grey rock 100.
Con VIII	P. Napidik	"	Oct. 18, 1954	6	20	20	20	"	D	Clay small stones 17; limestone 58.
Con VIII	P. Dikon	"	Oct. 23, 1954	6	20	45	7	"	D	Sand 3; hard blue limestone 45.
Con VIII	W. Cross	E. Taylor	Dec. 8, 1953	5	10	10	10	"	D	Red clay 10; red limestone 32.
Con X	P. Chambers	C.J. Fraser	Oct. 26, 1953	5	30	14	14	"	D	Sand 2; dolomite 35.
Con XIV	H. Shortts	E. Taylor	Jun. 25, 1954	6	1	48	30	"	D	Clay boulders 9; limestone 48.
Rawdon Twp.										
Con I	J.C. Gay	C.J. Fraser	Sep. 15, 1953	8	5	37	18	Fresh	DS	Sand 3; till 19; gravel 30; clay 37.
Con II	M. Spencer	"	Jul. 6, 1954	6	15	12	12	"	DS	Dug well 20; clay stones 35; limestone 60.
Con III	F. Wilson	"	Aug. 31, 1953	8		65	25	"	DS	Dug well 22; limestone 65.

HASTINGS COUNTY-cont.

Rawdon Twp.-cont.																			
Con III	lot 10	School S.#7	C.J. Fraser	Jul. 6, 1953	6	30	20	Fresh	D,S	Clay 7; blue clay 23; limestone 170. Dry hole.									
Con III	"	F.Spencer	"	Oct. 29, 1953	9	5	8	"	D,S	Clay 2; clay stones 13; harpan clay 24; limestone 50.									
Con IV	"	A. Jones	Bailey & Lloyd	Jul. 10, 1953	5	8		"	D,S	Clay 2; clay stones 13; limestone 24.									
Con V	"	School S.#8	C.J. Fraser	Jul. 28, 1954	8			"	D,S	Clay 4; shale 44; limestone 70. Dry hole.									
Con V	"	"	"	Nov. 1, 1954	6			"	D,S	Clay 5; limestone 55. Dry hole.									
Con VI	"	J. Johnson	"	Sep. 17, 1953	8	60	35	"	D,S	Dug well 15; limestone 60.									
Con VI	"	C. Dunham	"	Jul. 28, 1954	8	3	40	5	D,S	Clay 5; limestone 60.									
Con VII	"	T. Russett	"	Nov. 10, 1954	6	3	80	4	P	Clay small stones 10; limestone 71. Dry hole.									
Con VIII	"	School S.#11	"	Aug. 17, 1953	8	3		"	P	Till 2; clay 58; limestone 80.									
Con VIII	"	C. Sine	"	Nov. 4, 1953	8			"	P	Till 15; till 20; limestone 230. Dry hole.									
Con X	"	P. Mumby	"	Jul. 30, 1953	8			"	P	Dug well 25; limestone 110. Dry hole.									
Con XIII	"	J. Eggett	"	Jan. 10, 1953	8	3	212	40	D,S	Till 14; sedimentary limestone 120. Dry hole.									
Con XIII	"	J.M. Barlow	"	Oct. 28, 1954	8			12	D	Clay 12; limestone 147; red shale 18; limestone 212.									
Con XIV	"	G. Wellman	"	Jan. 29, 1953	8				D	Dug well 14; sedimentary limestone 24.									
Sidney Twp.																			
Con I	lot 10	H.E. Jones	H.E. Jones	Oct. 23, 1954	5	37	57	Fresh	D	Dug well 21; hard gravel 40; grey limestone 47. Not used.									
Con I	"	C.W. Vance	B. Smiley	Aug. 28, 1953	6	2	36	36	D	Till 29; limestone 57.									
Con I	"	F.B. Bowers	"	Sep. 4, 1953	6	24	60	36	P	Till 28; limestone 60.									
Con I	"	H.M. Stafford	"	Sep. 8, 1953	6	3	55	21	D	Till 25; limestone 60.									
Con I	"	C. Rush	"	Sep. 12, 1953	6	2	55	24	D,S	Till 25; limestone 60.									
Con I	"	D. Bradshaw	G.H. Chalk Jr.	Sep. 25, 1954	6	21	14	6	"	Clay 5; grey limestone 40.									
Con I	"	G. Ackerman	H.E. Jones	Oct. 17, 1954	5	1	25	25	"	Dug well 8; grey clay 16; grey limestone 50.									
Con I	"	S. Reid	"	Nov. 18, 1954	2	1	20	20	S	Dug well 30; grey limestone 68.									
Con I	"	E. Shonicker	B. Smiley	Aug. 18, 1953	2	1 1/2	35	16	D	Till 22; limestone 35.									
Con I	"	P. Menard	"	Oct. 11, 1953	6	29	60	8	In	Clay 5; limestone 60; With use well developed gas and supply dropped to 2 g.p.m.									
Con I	"	Transit Mix.	"					"	"	Sand 26; blue clay 38; grey limestone 50.									
Con I	"	D. Mark	G.H. Chalk Jr.	Mar. 31, 1954	6	10	50	27	C	Clay 13; grey limestone 32.									
Con I	"	C. Cotten	"	Apr. 2, 1954	5	20	10	16	"	Dug well 16; grey limestone 55.									
Con I	"	School S.#2	H.E. Jones	Oct. 28, 1954	5	3		29	P	Till 3; limestone 50.									
Con I	"	I. Badour	B. Smiley	Aug. 8, 1954	6	1	32	6	Salt	Clay 6; limestone 32.									
Con I	"	D. Rush	"	Aug. 12, 1954	6	1 1/2	30	2	Sulphur	Earth 2; shale limestone 4; limestone 36;									
Con I	"	M.T. Cope	McMillan/Gartley	Jul. 9, 1953	5				D										
Con I	"	"	"	Jul. 29, 1954	6	1 1/2	33	11	Fresh	Brown clay stone 21; shale 28; limestone 33 1/2.									
Con I	"	M.T. Cope	"	Apr. 22, 1953	6			70	C	Till 8; limestone 146. Gas encountered.									
Con I	"	Breeders Asn.	B. Smiley																
Con I	"	J. Ormsby	McMillan/Gartley	Oct. 6, 1953	5	1	70	40	Fresh	Clay 9; limestone 73.									
Con I	"	T. Hobson	E. Taylor	Sep. 2, 1953	5	1	22	12	Sulphur	Clay 7; shaly limestone 40.									
Con I	"	H. Anderson	McMillan/Gartley	Aug. 15, 1954	5	1 1/2	28	6	Fresh	Clay gravel 23.									
Con I	"	W. Cooney	B. Smiley	Mar. 26, 1953	5	6			"	Till 9; limestone 46.									
Con I	"	W. MacReavy	"	Apr. 8, 1953	6	10	6	6	"	Till 28; shale 36; limestone 86.									
Con I	"	W. Cooney	"	Aug. 9, 1953	6	4	26	20	"	Previously drilled 46; deepened 70. Dry hole.									
Con I	"	G. Dougherty	McMillan/Gartley	Oct. 1, 1954	5	2 1/2	20	8	"	Clay boulders 15; fine sand 22; gravel 28.									
Con I	"	W. Disardin	"	Nov. 9, 1954	5	2			"	Clay boulders 13; limestone 41.									
Con II	"	B. Arnott	"	Feb. 19, 1953	6	10	15	5	Fresh	Clay 14; limestone 55. Dry hole.									
Con III	"	C.J. Fraser	"	Sep. 16, 1953	6	5	21	11	"	Clay 8; sand 12; gravel 15.									
Con V	"	J.W. Summers	"	Apr. 10, 1953	6	5			"	Brown clay stones 6; limestone shale 28.									
Con V	"	C. Moran	"	Sep. 10, 1953	6	20			"	Sand 5; clay 18; harpan 25; gravel 26.									
Con V	"	H.E. Jones	"	Dec. 7, 1954	5	6			"	Dug well 20; sand clay boulders 100. Dry hole.									
Con V	"	C.J. Fraser	"	Jul. 6, 1954	5	6			"	Previously dug, 10; clay 22; gravel 30. Dry hole.									
Con V	"	B. Smiley	"	Aug. 5, 1954	6	10	17	17	Fresh	Sand 2; clay large boulders 18; gravel 25; clay 47; gravel 50.									
Con V	"	McMillan/Gartley	"	Jul. 13, 1953	5	1	20	8	"	Blue clay 32; gravel 33.									
Con VII	"	Bailey & Lloyd	"	Jul. 27, 1953	5	1	27 1/2	10	"	Hardpan 10; hard grey limestone 27 1/2.									
Con VII	"	C.J. Fraser	"	Jul. 28, 1953	5	1	17	13	"	Old dug well 17; sticky blue clay 34; sandy gravel 35.									
Con VII	"	"	"	Dec. 4, 1953	6	4	160	10	"	Sand 48; limestone 160.									

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HASTINGS COUNTY-cont. Jildrey Twp.-cont.										
Con VIII lot 9	H. Sayers	C.J. Praser	Dec. 9, 1953	6						
Con IX " 7	G. Hubble	Bailey & Lloyd	Jul. 20, 1953	5	1	26	5	Fresh	D	Till 1; limestone 90. Dry hole.
Con IX " 8	School S #22	"	Jul. 20, 1953	4	1 1/2	32	19	"	P	Previously drilled 18; grey limestone 26. Dark-grey clay 32.
Thurlow Twp.										
BF Con I lot 13	A. Rushlow	B. Smiley	Jul. 17, 1953	8						Till 8; limestone 60. Dry hole.
BF Con I " 14	"	"	Jul. 27, 1953	8						Till 10; limestone 85. Dry hole.
BF Con I " 17	F. Toms	McMillan/Gartley	Oct. 20, 1953	8	2 1/2	18	6	Fresh	D	Hard clay 5; blue gumbo clay 1 1/4; limestone 38.
BF Con I " 17	C. Reid	G.H. Chalk Jr.	May 21, 1954	8	22	20	20	"	D	Clay 12; grey limestone 36.
BF Con I " 20	R. House	McMillan/Gartley	Nov. 5, 1953	8	3	28	9	"	D	Grey hardpan 10; hard grey limestone 28.
BF Con I " 20	C. Prase	G.H. Chalk Jr.	Apr. 5, 1954	8	3	30	9	"	D	Clay 1; grey limestone 30.
BF Con I " 20	"	"	Apr. 26, 1954	6	25	13	13	"	D	Clay 1; grey limestone 30.
BF Con I " 20	T. Blake	"	Jul. 24, 1954	6	3	63	8	"	D	Clay 3; clay 7; grey limestone 27.
BF Con I " 21	A. Gurnick	"	May 7, 1954	6	1	70	5	Sulphur	D	Clay 1; grey limestone 60.
BF Con I " 24	E. Adams	B. Smiley	Nov. 18, 1953	6	33	33	27	Fresh	D	Clay 1; grey limestone 70.
BF Con I " 24	R. Campbell	"	Jul. 29, 1953	6	2 1/2	35	9	Slightly Sulphur	D	Till 7; limestone 33.
Con I " 13	D. Campoli	"	Aug. 1, 1953	6	3	38	14	Fresh	D	Till 8; limestone 35.
Con I " 13	M.B. Johnston	"	Aug. 4, 1953	6	1 1/2	35	16	Slightly Sulphur	D	Clay 10; limestone 38.
Con I " 14	E. Gabsador	G.H. Chalk Jr.	Aug. 5, 1954	6	18	15	6	Salt & Sulph.	D	Till 11; limestone 35. Grey limestone 32.
Con I " 16	L. Purdy	"	May 14, 1954	6	22	20	20	Fresh	D	Clay 14; grey limestone 40.
Con I " 17	H. Neilles	B. Smiley	Apr. 19, 1954	6	35	28	7	"	D	Clay 19; shale 20; limestone 50 1/2.
Con I " 17	T. Williams	L. McGlennon	Jun. 5, 1954	6	10	7	2	"	D	Clay 19; limestone 25.
Con I " 17	J.N. Hunter	"	Jun. 8, 1954	6	10	7	2	"	D	Clay 20; limestone 33.
Con I " 17	D. McLean	"	Jun. 13, 1954	6	4	47	2	"	D	Clay 15; limestone 47.
Con I " 17	L.D. Hopkins	"	Sep. 17, 1954	6	1 1/2	8	6	"	D	Clay 15; shale 21.
Con I " 17	A. Short	"	Sep. 19, 1954	6	5	12	3	"	D	Clay gravel 18; limestone 37.
Con I " 17	P. Tomaso	"	Oct. 5, 1954	6				"	D	Clay 18; limestone 36. Dry hole, gas encountered.
Con I " 17	"	"	Oct. 8, 1954	6	1	47	8	"	D	Clay gravel 13; limestone 47.
Con I " 17	N. Howard	"	Oct. 15, 1954	6	1	18	12	"	D	Clay shale 6; blue limestone 50.
Con I " 17	J. Ellis	"	Nov. 10, 1954	6	2 1/2	50	20	"	D	Clay 3; grey limestone 40.
Con I " 20	C. Grass	G.H. Chalk Jr.	Dec. 10, 1954	6	1	43	10	"	D	Clay shale 4; limestone 26.
Con II " 2	C. Balch	McMillan/Gartley	Apr. 14, 1954	5	3	30	9	Sulphur	D	Clay shale 3; limestone 19.
Con II " 2	A.E. Perry	"	Nov. 15, 1954	5	3	13	7	"	D	Clay shale 4; limestone 35.
Con II " 2	D. Taylor	"	Jun. 5, 1954	5	1	25	4	Fresh	D	Shale 3; limestone 21.
Con II " 2	C. Balch	"	Jun. 15, 1954	5	1	12	7	"	D	Earth shale 3; limestone 16.
Con II " 2	"	"	Oct. 1, 1954	5	1	29	4	Slightly Sulphur	P	Clay shale 4; limestone 35.
Con II " 2	"	"	Oct. 1, 1954	5	1	23	4	"	D	Shale 3; limestone 21.
Con II " 2	"	"	Jun. 23, 1953	5	1	25	5	"	D	Soil 2; hard grey limestone 5; soft limestone 25.
Con II " 2	C. Dow	"	Aug. 25, 1953	5	1 1/2	9	9	Fresh	D	Earth 3; hard grey limestone 52.
Con II " 2	C. Murray	"	Jul. 10, 1954	5	1	30	5	"	D	Grey limestone 30.
Con II " 2	B. Fuller	G.H. Chalk Jr.	Sep. 3, 1954	5	1			"	D	Dug well 11; limestone 25. Dry hole.
Con II " 2	C. Lockwood	McMillan/Gartley	Apr. 14, 1953	5	8	22	4	Fresh	D	Clay shale 4; limestone 27.
Con II " 2	L.G. Byrd	"	Oct. 27, 1953	5	2	23	5	Sulphur	D	Blue clay 5; hard grey limestone 27 1/2.
Con II " 2	H. Carson	"	Oct. 30, 1954	5	2	9	5	Fresh	D	Shale clay 3; limestone 20.
Con III " 2	R. Petrie	"	Jul. 29, 1954	6	4	45	14	Sulphur	D	Loam 1; grey limestone 45.
Con III " 2	A. Walker	G.H. Chalk Jr.	Jul. 21, 1954	6	2	32	6	"	D	Loam 1; grey limestone 45.
Con III " 2	G. McPherson	McMillan/Gartley	Jul. 14, 1953	6	2	25	6	Fresh	D	Earth clay 5; limestone 28.
Con III " 2	D. Parks	"	May 14, 1953	6 1/2	1			"	D	Shale 15; blue limestone 248; red granite 250. Dry hole.
Con III " 2	McColl Fronte- nac Oil Co.	W.H. Davy & Son	May 14, 1953	6 1/2				"	D	
Con III " 8	"	"	May 20, 1953	6 1/2	30	8	4	Fresh	C	Shale 15; blue limestone 162. Dry hole.
Con III " 8	"	"	Jun. 4, 1953	6 1/2				"	C	Shale 6; blue limestone 56.

HASTINGS COUNTY-cont.

Thurlow Twp.-cont.	Trans-Northern Pipe Line Co.	R.H.Casselman	Dec. 1, 1954	5	7.	200	7	Mineral	C
Con III lot 8									
Con III	" 12	H.Dodge	Oct. 30, 1953	6	3	28	18	Fresh	Topsoil 8; shattered limestone 8; medium-hard dark limestone 250; red granite 256.
Con IV	" 3	G.H. Miller	Jan. 15, 1954	6	10	7	7	"	Till 7; shale 10; limestone 28.
Con IV	" 11	W.Rodgers	Jan. 13, 1953	6	1	35	4	"	Brown topsoil boulders 3; grey clay stores 18; gravel 20.
Con V	" 2	C.E. Hubble	Dec. 6, 1953	6	20	11	11	"	Clay 20; gravel 37.
Con V	" 3	K. Mason	Dec. 28, 1954	6	24	15	15	"	Gravel 4; clay 10; limestone 35.
Con V	" 13	J.A. Pitt	Jun. 18, 1954	6	7	35	10	"	Clay 18; grey limestone 40.
Con VI	" 17	Babies Convale scent Home.	Oct. 19, 1954	6	7	35	10	"	Clay 5; clay boulders 15; sandy gravel 30; gravel 35.
Con VII	" 21	G. Denyes	Jul. 18, 1953	6	40	10	10	"	Clay 7; gravel 21; clay 31; gravel 39.
Con VIII	" 14	A. Ray	Jan. 15, 1954	8					Clay 4; hardpan 25; clay small stones 50; gravel 52; limestone 183; Dry hole.
Con VIII	" 14	School	Jul. 22, 1953	6	5	50	15	Fresh	Black clay loam 2; till 7; hardpan 16; limestone 50.
Con VIII	" 18	R. Chambers	Jan. 29, 1954	6	20	19	19	"	Gravel 2; sand 28; red granite 100.
Con IX	" 31	M.E. Pargy	Jul. 21, 1953	6	20	12	12	"	Dug well 11; gravel 22. Dry hole.
Trenton		G.H. Chalk Jr.	Oct. 26, 1954	6	20	12	12	"	Gravel boulders 15; grey limestone 42.
Tudor Twp.	lot 22	B. Smiley	Sep. 16, 1953	6	35	60	5	Sulphur	Till 5; limestone 62.
Con V	" 11	G. Griffin	Jul. 31, 1954	6	14	8	8	Fresh	Soil loose stone 7; hard blue rock 45.
Con XVIII	" 20	C.J. Fraser	Jun. 17, 1953	6	12	35	15	"	Sand 7; dolomite 55; grey crystalline limestone 110.
HRE	" 20	E. Taylor	Jul. 18, 1954	6	20	140	81	"	Soil loose stone 8; hard blue rock 70.
Tweed		C.J. Fraser	Jun. 7, 1954	10	250	140	81	Fresh	Sand 4; red moira granite 435.
Tyendinaga Indian									
Reserve	lot 1	G.H. Chalk Jr.	Jul. 3, 1954	6	22	16	16	Fresh	Clay 5; grey limestone 48.
SR Con I	" 6	"	Oct. 10, 1953	6	24	11	11	"	Clay sand 10; grey limestone 63.
SR Con II	" 4	"	Feb. 6, 1954	6	2	40	8	"	Clay 4; hardpan 9; grey limestone 40.
SR Con II	" 5	"	Feb. 15, 1954	6	20	10	Flows	"	Clay 1; grey limestone 40.
SR Con II	" 12	"	Dec. 16, 1954	6	2	75	25	"	Boulders clay 25; quicksand 35; hardpan 50; blue clay 56; grey limestone 75.
SR Con II	" 27	"	Aug. 18, 1954	6	34	50	10	Sulphur	Clay 3; grey limestone 50.
SR Con III	" 18	"	Nov. 4, 1953	6	24	12	12	Fresh	Gravelly hardpan 13; grey limestone 60.
SR Con III	" 32	"	Oct. 3, 1953	6	3	64	20	"	Clay 10; gravelly hardpan 25; blue clay 40; grey limestone 64.
SR Con III	" 33	"	Jul. 15, 1953	6	74	55	15	Sulphur	Clay 8; grey limestone 55.
SR Con III	" 34	"	Jul. 22, 1953	6	10	62	20	Fresh	Sand boulders 14; grey limestone 62.
Tyendinaga Twp.	lot 29								
NR Con I	" 39	L. Farrell	Oct. 26, 1953	6	12	8	8	Fresh	Clay loam 1; white clay pebbles 12; hard black limestone 24; hard grey limestone 46.
NR Con I	" 39	V. Oliver	Sep. 22, 1954	6				Fresh	Grey limestone 135. Dry hole.
NR Con III	" 22	J.S. Tiffin	Jan. 8, 1954	5	8	5	5	"	Blue clay boulders 12; hard grey limestone 25.
NR Con III	" 22	D. Gartland	Oct. 17, 1953	6				"	Loam 14; hard grey limestone 35. Dry hole.
NR Con III	" 22	"	Oct. 22, 1953	6				"	Loam 1; hardpan 4; hard grey limestone 36; hard white limestone 64. Dry hole.
NR Con V	" 16	V. McKenney	Sep. 22, 1953	5 3/8	5	22	22	"	Old well 56; grey limestone 62.
NR Con V	" 17	T. Kehoe	Oct. 12, 1953	6	14	40	25	"	Loam 3; hardpan 6; boulders 12; hard grey limestone 52.
NR Con V	" 21	P. Coffey	Sep. 3, 1953	6	14	40	25	"	Loam 3; hardpan boulders 6; shale 8; grey limestone 30; chalky limestone 34; grey limestone 40.
NR Con V	" 26	L. Westcott	Sep. 11, 1953	6				Fresh	Clay boulders 10; grey limestone 48; black and grey limestone 50; grey limestone 58. Dry hole.
NR Con VI	" 17	J. Kehoe	Oct. 1, 1953	6				"	Hardpan gravel 7; shale 13; grey limestone 45; grey and brown limestone 58.
NR Con VI	" 20	Sep. School	Aug. 25, 1953	6				"	Hardpan 3; soft limestone 13; hard grey limestone 45.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
HASTINGS COUNTY-cont Tyendinaga Twp.-cont										
N.R.Con VI lot 26	L.Westcott	T.E.Richmond	Dec.16,1953	6						White clay boulders 10; grey limestone 52. Dry hole.
N.R.Con VI " 30	T.V.Corrigan	"	Nov.20,1953	6						Lean 14; harpan 6; grey limestone 47. Dry hole.
N.R.Con VI " 30	"	"	Dec. 7,1953	6						Clay 2; broken limestone 13; limestone 45.
N.R.Con VII " 22	McQuinn	L.B.Macdonald	Jan.13,1954	6	5	25	25	Fresh	S	Grey limestone 35.
S.R.Con I " 10	P.Karacle	G.H.Chalk Jr.	Nov.19,1954	6	20	13	18	"	D	Clay 12; grey limestone 42.
S.R.Con I " 11	S.Pitzgerald	"	Nov.19,1954	6	20	15	15	"	D	Grey limestone 31. Dry Hole.
S.R.Con I " 19	H.Topping	"	Jan.29,1954	6	17	25	20	slightly	D	Clay 1; grey limestone 54.
S.R.Con I " 39	J.K.Chadwick	"	Mar.26,1954	6	22	35	15	Sludgy	S	Clay 15; grey limestone 80.
Wollaston Twp.										
lot 14	H.H.Johnston	C.J.Praser	Feb. 4,1954	6	20	40	5	Fresh	D	Sand 2; grey granite 46.
HURON COUNTY										
Ashfield Twp.										
PC NRP lot 4	E.Hondrick	G.L.Davidson	Jun.22,1954	6	12	57	57	Fresh	D	Clay 85; shale 110; soft limestone 135; hard limestone 165.
W.D.Con VII " 6	K.Kelley	P.L.Davidson	Jul. 7,1954	4	16	60	60	"	D	Clay 107; sand 116; rock 128.
W.D.Con XIV " 17	C.Boyd	"	Nov. 3,1954	4	16	105	93	"	D,S	Clay 210; harpan 219; shell rock 257; limestone 263.
Bayfield	C.Cunningham	W.D.Hopper & Sons	May 20,1953	4	8	30	26	Fresh	D	Soil sand 6; clay 90; stones 106; limestone 138.
Bayfield	Powder Bros.	"	Jul.23,1953	4	10	45	40	"	D	Sand 20; blue clay 114; soft rock 149.
Bayfield	E.J.Bauer	"	Sep.19,1953	5	10	33	28	"	D	Sand blue clay 60; blue clay 110; limestone 154.
Bayfield	G.Little	"	Aug.18,1954	4	8	54	40	"	D	Sand 20; blue clay 112; fine gravel 113; grey limestone 147.
Bayfield	H.Bauer	"	Sep.16,1954	5	12	16	14	"	D	Yellow sand 10; blue clay 90; harpan stones 110; grey limestone 150.
Bayfield	L.Edgehoffer	"	Nov. 2,1954	4	10	42	38	"	P	Sand 30; blue clay 90; clay boulders 11; grey limestone 150.
Blyth	Village of Blyth	G.L.Davidson	Feb. 4,1953	8	50	50	12	Fresh	P	Sand gravel 42; soft shale 60; medium hard brown limestone 79; caving limestone 80; medium-hard brown limestone 235; caving limestone 240.
Colborne Twp.										
WD 2F lot 18	Camp Hermosa	G.L.Davidson	Oct.17,1953	4	10	40	40	Fresh	P	Clay 57; till 72; shale 94; hard brown rock 110.
WD Con II " 7	R.Jewell	P.L.Davidson	Nov.23,1954	4	10	100	92	"	D,S	Clay stones 48; coarse gravel 150; hard clay 169; shale 175; hard limestone 210.
WD " C	J.F.Naffel	W.D.Hopper & Son	May 3,1953	4	10	10	5	"	D	Gravel 20; blue clay 57; soft rock 68; brown limestone 108.
WD " C	G.Sean	P.L.Davidson	May 9,1953	4	12	40	27	"	D	Till 63; rock 135.
East Wawanosh Twp.										
Con I lot 31	R.Eason	G.L.Davidson	Oct.31,1953	4	5	80	42	Fresh	D,S	Dug well 37; gravel boulders 76; till 132; hard brown rock 151.
Con V " 41	W.H.Eason	"	May 20,1953	4	12	64	60	"	D,S	Dug well 52; sandy gravel 70; till 161; brown limestone 188.
Con VIII " 37	H.Vincent	"	Oct.13,1954	4	12	75	70	"	D,S	Sand gravel 26; brown clay 58; clay gravel 128; shale 141; hard brown limestone 160.
Con XI " 40	J.Taylor	P.L.Davidson	Jan. 5,1954	4	12	26	21	"	D,S	Dug well 26; shale 60; hard brown limestone 100.
Exeter	Exeter Publ. Utilities Comm	International Water Supply	Dec. 6,1954	8				"	T	Top soil 1; sandy clay 8; harpan 12; clay little gravel 17; gravel clay 20; clay 44; clay gravel 46; gravel sand pieces of clay 49; hard clay sand 73; brown limestone 75.
Goderich Twp.										
B.C. lot 1	E.Siddal	W.D.Hopper & Sons	Apr.19,1953	4	6	210	Flows	Fresh	C	Blue clay 30; clay stones 45; grey limestone 59.
B.C. " 25	R.Rathwell	"	May 8,1954	4	6	210	210	"	D,S	Red clay 40; sand 80; clay sand 150; clay 185; grey rock 230.
B.C. " 47	A.Wise	"	Sep. 8,1954	5	170	170	170	"	D,S	Grey clay 60; harpan pebbles 90; grey limestone 178.
Con I " 5	W.Bannister	P.L.Davidson	Dec.17,1953	4	12	60	52	"	P	Clay 5; till 85; clay 104; rock 145.
H.R. " 104	J.Sutherland	G.L.Davidson	Apr.24,1954	4	10	130	115	"	P	Gravel 15; sand 30; clay 40; clay mixed with sand 58; sand 64; clay mixed with sand and gravel 104; gravel 108; sand 120; marl 127; shale 152; limestone 227.

HURON COUNTY-cont.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MURON COUNTY-cont. Hallett Twp. cont. Con XII lot 13	Ratson	W.D.Hopper & Sons	Nov.10,1953	4	10	45	40	Fresh	D,S	Grey clay 40;soft clay fine sand 90;hard clay stone 97;grey limestone 142.
Con XII " 25	H.Cunningham	G.L.Davidson	Sep. 8,1954	4	10	70	70	"	D,S	Clay 13;hardpan boulders 102;sand stones 123;limestone 133.
Con XIII " 32	S.Ament	P.L.Davidson	Jan.22,1953	4	15	25	33	"	D,S	Clay 46;till 74;gravel 80;scale 90;hard brown rock 140.
NSRW " 5	R.Turner	G.L.Davidson	Jul.10,1954	4 1/2	10	67	50	"	D,S	Clay sand gravel 33;gravel 33;clay sand gravel 50;sandy gravel 72; hard rock 144.
Mckillop Twp.										
Con I lot 30	J.Scott	W.D.Hopper & Sons	Oct.17,1953	4	10	15	12	Fresh	S	Clay mixed with stones 47;hard limestone 77;dark limestone 84.
Con III " 23	Van den Hengel	"	Jul.15,1954	4	10	20	16	"	D,S	Grey clay 55;hardpan stones 70;grey rock 139.
Con IV " 16	K.Stewart	"	Feb.7,1953	4	12	4	3	"	D,S	Grey well 22;hardpan loose rock 30;yellow limestone 109.
Con V " 14	P.Ricknell	"	Feb.7,1953	4	18	8	6	"	D,S	Top soil Gravel 14;yellow clay 30;hardpan 60;limestone 103.
Con V " 16	W.Story	"	May 17,1953	4	10	8	5	"	D,S	Grey clay stones 38;gravel sand 47;grey limestone 116.
Con VII " 1	Bennetwies	E.Bell	Oct.15,1953	4	17	3 1/2	3 1/2	slightly Sulphur	D,S	Old well 44;clay 40;clay boulders 70;clay 77;limestone 145.
Con VII " 26	O.Pulmag	W.D.Hopper & Sons	Apr. 2,1954	4	6	Flows	Flows	"	D	Blue clay 35;hardpan stone stones 110;grey limestone 145.
Con VIII " 15	R.Bolton	E.Bell	Nov.12,1953	4	17	20	20	Fresh	D	Clay 25;clay stone 50;hardpan 75;clay 80;gravel 82;limestone 129.
Con IX " 15	J.Glanville	L.Hayden & Son	Mar.10,1953	4	10	12	12	"	D,S	Old well 25;sand 36;hardpan 42;stones 45;hardpan clay 70; quicksand 82;hardpan sand 89;grey limestone 135.
Con XI " 20										
Morris Twp.										
Con V lot 6	H.Keating	G.L.Davidson	Nov.29,1954	4	10	30	30	Fresh	D,S	Sand gravel stones 26;stony hardpan 76;sandy gravel 84;shale rock 92;limestone 121.
Con VII " 16	E.Smith	C.Keeso	May 20,1953	4	15	16	15	"	D,S	Blue clay 40;sand 50;red clay 75;shale 94;blue rock 120.
Con IX " 28	R.Achilles	P.L.Davidson	Jan.11,1953	4	15	40	30	"	D,S	Clay 23;till 64;rock 102.
Port Albert										
Stanley Twp.										
BRN lot 25	A.Mustard	W.D.Hopper & Sons	Aug.18,1953	3 1/2	4	195	190	Fresh	D,S	Sand gravel 16;stony hardpan 36;hard limestone 43;soft limest.57.
LRW " 10	J.McCort	"	Jun.29,1953	4	10	11	6	"	D	Clay stones 85;clay 109;fine sand 154;limestone 211.
LRW " 11	P.J.Fisher	"	Sep.25,1954	4		Flows	Flows	"	D	Blue clay 98;hard clay stones 104;soft grey rock 154.
Stephen Twp.										
Con I lot 5	N.Mitchell	Schenk Bros.	Nov.20,1953	4 1/2	1	50	32	Fresh	D	Yellow clay 12;blue clay 90;gravel stones 110;grey limestone 150.
Centabria " 5	C.McDowell	"	Aug.28,1954	4 1/2	6	43	39	"	D	Clay boulders 50;gravel 57.
Con I " 14	E.H.FringtonBr.	P.L.Davidson	Nov. 3,1953	4	4	305	285	"	D,S	Clay 40;quicksand 55;sand boulders 63;limestone 74.
Con I " 14	S.King	L.Hayden & Son	Mar. 1,1953	4 1/2	4	305	285	"	S	Clay 29;sand 33;till 82;limestone 305.
Con VI " 9										Clay 29;sand 42;till 102;limestone 305.
Con VI " 10	J.H.Wade	G.L.Davidson	Feb.17,1953	3 1/2	6	90	90	"	D	Old well 67;blue clay 103;stones hardpan 109;hardpan 125;sand stones 130;hardpan 135;sand stones 140;grey limestone 149.
Con VI " 11	L.England	"	Feb.25,1953	4	6	87	86	"	D	Clay 68;sand 98;blue shale rock 118.
Con VII " 10	L.Hodge	"	Feb.21,1953	4	6	94	94	"	D	Clay 55;sand clay 98;till 120;soft brown limestone 126.
Crediton										Clay 33;sandy clay 98;till 124;soft brown rock 127.
Con VII " 10	C.Brock	Schenk Bros.	Jul. 1,1954	4 1/2	8	100	90	"	D	Clay 98;gravel 80;gravel boulders 115;limestone 123.
Con VII " 10	L.Hodge	"	Jul.20,1954	4 1/2	7	100	90	"	D	Clay 90;gravel clay 80;gravel boulders 119;limestone 126.
Con VII " 11	P.W.Morlock	G.L.Davidson	Mar. 5,1953	4	5	114	114	"	D	Clay 65;sand 102;till 120;shale clay seams 128;hard brown rock 134.
Con VIII " 10	R.Iampont	Schenk Bros.	Sep.20,1953	4	3	95	70	"	S	Gravel 81;clay 80;gravel 100;hardpan 113;rock 115.
Con VIII " 10	School S #7	G.L.Davidson	Apr.21,1953	4	3	95	95	"	P	Clay 80;stony clay 105;hard brown limestone 120.
Con XII " 6	School S #10	"	Aug.29,1953	4	3	95	95	"	P	Blue clay 126;hard grey rock 150. Dry hole.
Con XXI " 6	G.Collen	P.L.Davidson	Nov. 4,1953	4	3	80	67	Sulphur	D,S	Clay 119;sand 122; limestone 127.
SBC " 40	"	S.Earl	Jan. 2,1953	4	19	60	45	Fresh	D,S	Red clay 50;white sand 75;till 134;limestone 137.
SBC " 40	"	Gooding/Pedlar	Nov.21,1953	4	4	50	40	Presh	D,S	Top soil 15;blue clay 130;blue shale 145;limestone 165.
SBC " 40	"	"	Nov.28,1953	4	4	50	50	slightly Sulphur	D,S	Top soil 10;blue clay 116;hardpan 128.
SBC " 40	"	"	Dec.12,1953	4	10	51	39	"	D,S	Red clay 15;blue clay 124;hardpan 126 1/2;limestone 130.

HURON COUNTY-cont.

T	Top soil	3; brown clay gravel	16; dirty gravel	22; coarse gravel
D	26; silty sand	40; clay	42; gravel	45; coarse gravel
D	60; clay	67; gravel	69; clay	72; brown limestone 87.
D	30; clay	30; hardpan	30; stones	74; grey limestone 134.
D	Yellow clay	10; hardpan	some stones	74; grey limestone 138.
D	Yellow clay	42; gravel	63; hard grey limestone	118.
D	Grey clay	some stones	82; thin hard grey limestone	90.
D	Gravel	45; clay stones	45; grey limestone	85.
D	Sand gravel	20; fill	65; soft red shale	9; brown limestone 111.
D	Clay	12; clay boulders	40; sandy, hardpan	92; white shale yellow shale 110; yellow limestone 140.
P	Clay	84; clay gravel	137; brown limestone	133.
D	Clay boulders	12; sandy clay	28; blue clay	44; fine sand hardpan
P	Top soil	1; clay few boulders	40; clay gravel	69; blue rock
D	82; brown limestone	107; grey limestone	124.	
D	Hardpan	27; gravel	28; hardpan	62; sandy gravel stones 83; shale
D	97; hard limestone	150; soft limestone	175.	
D	Dug well	23; sand gravel	36; hardpan stones	143; shale 152;
D	Top soil	1; stony hardpan	40; sand	46; gravel sand 70; gravel 73;
D	brown limestone	82; red shale	85; brown limestone	108; red shale
D	110; brown limestone	112.		
D	Earth	3; gravel boulders	20; gravel	45; bluish sand 90; blue clay
D	96; gravel	97; granite.		
D	Dug well	20; sand	36; gravel	38; granite.
D	Hard red sand	10; soft blue clay	30; hardpan	54; gravel 55.
D	Sand	8; blue clay	46; hardpan	51; gravel clay 59; shale 74.
D	Yellow sand	7; blue clay	46; hardpan	51; hard gravel sand clay
D	69; black shale	72.		
D	Red sand	10; soft blue clay	25; hardpan	65; gravel 67.
D	Red sand	12; silt	45; sand	47; fine sand 55; hardpan 63; coarse
D	gravel	64; broken shale	67.	
D	White sand	4; blue clay	44; sand	52; hardpan 60; broken shale 63.
D	Red sand	5; blue clay	45; hardpan	48; sand 55; hardpan 60;
D	black shale	67.		
D	Red sand	10; blue clay	43; hardpan	70; rock 85; Dry hole.
D	Red sand	13; blue clay	41; hardpan	49; fine gravel 50.
D	Red sand	15; blue clay	35; hardpan	43; boulders 44; hardpan 62;
D	black and blue shale	70. Dry hole.		
D	Red sand	16; blue clay	36; hardpan	57; gravel boulders 64;
D	black and blue shale	66.		
D	Sand	4; blue clay	54; quicksand	54; gravel sand 56; sand 56 1/2.
D	Yellow sand	4; blue clay	54; gravel sand	55.

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APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY--cont. Garden Trw.cont. Con A lot 14	C. Vanrebeys	Economical Water	Oct. 7, 1954	4						Yellow sand 4; blue clay 5 1/2; gravel sand 56; clay sand 61; quicksand 63; clay gravel 65; soapstone. Dry hole.
Con I	A. Longford	A. E. Hammer	Aug. 5, 1953	3 1/2	3	25	15	Fresh	D, S	Sand 20; blue clay 50; sand gravel 57.
Con I	P. Hogner	D. E. Bouyer/Son	Dec. 5, 1953	3	5	12	10	"	D	Red sand 6; quicksand 10; soft blue clay 25; hardpan 54; gravel 60.
Con I	G. Robertson	A. E. Hammer	Oct. 15, 1953	3 1/2						Yellow sand 12; blue clay 47; fine sand 60; blue sandy hardpan 67; blue slate 70; hard limestone. Dry hole.
Con I	"	"	Oct. 21, 1953	3 1/2						Top soil 1; yellow sand 12; blue clay 47; fine sand 60; blue sandy hardpan 67; blue slate 74. Dry hole.
Con I	J. Leverton	E. R. McGaffey	Jan. 30, 1954	3 1/2	4	10	10	"	D	Sand 3; blue clay 47; hardpan 52; gravel 61.
Con I	G. Hartier	Economical Water	Oct. 14, 1954	3 1/2	12	25	8 1/2	"	D, S	Yellow sand 4; blue clay 49; sand gravel 60.
Con II	G. Erickson	" Supply	May 11, 1954	3 1/2	8		6 1/2	"	D, S	Yellow sand 12; blue clay 40; hard clay sand 51; gravel sand mixed with clay 71; sand gravel 72.
Con IV	J. Doag	E. R. McGaffey	Jul. 15, 1954	5	5		9	"	S	Red sand 7; silt 38; hardpan 45; black shale.
Con IV	P. Devries	"	Jun. 20, 1953	4	5		10	"	D, S	Sand 3; blue clay 38; hardpan 45; fine gravel 46; black shale.
Con IV	D. Phillips	"	Aug. 24, 1953	4	7 1/2		10	Saltpur	J	Red sand 6; blue clay 28; hardpan 37; fine gravel 38; black shale.
Con IV	R. Hawgood	"	Aug. 24, 1953	4	12		8	Fresh	D, S	Red sand 5; blue clay 27; hardpan 37; broken shale 38.
Con IV	"	"	Sep. 11, 1953	4	10		7	"	D	Red sand 6; blue clay 28; hardpan 40; black shale 41.
Core Con I	E. Brewer	A. A. Heel	Nov. 14, 1953	4	5	41	11	"	D	Top soil yellow clay 3; very soft blue clay 43; hardpan 44; hard blue clay 46; black gravel sand clay 59; black shale rock.
Core Con II	R. Lazen	Economical Water	Feb. 19, 1954	4						Yellow clay 14; blue clay 51; sand clay 53; white clay 60; dry hole.
Core Con II	"	" Supply	Feb. 29, 1954	4	1 1/2	52	12 1/2	Fresh	D	Yellow clay 14; blue clay 50; sand clay 52.
Core Con II	R. McMillin	"	Mar. 9, 1954	4	5	21	11	"	D	Yellow clay 10; blue clay 40; sand gravel 47; shale.
Core Con II	P. Lawrence	E. R. McGaffey	Jun. 16, 1953	6 1/2			20	"	D	Sand 4; silt 40; hardpan 50; fine gravel 51.
Core Con III	J. E. Smith	Tyhurst & Smith	Aug. 4, 1954	3 1/2						Sand clay 8; clay 40; hardpan 54; sand gravel 56; shale. Dry hole.
Core Con III	G. Wilson	Economical Water	Nov. 21, 1953	4						Yellow clay 12; blue clay 48; clay gravel 49; gravel 59 1/2; black shale rock 68. Dry hole.
Core Con III	"	" Supply	Nov. 24, 1953	4						Yellow clay 12; blue clay 48; clay gravel 49; gravel 59 1/2; black shale rock 73. Dry hole.
Core Con III	"	"	Nov. 30, 1953	4	1 1/2		30	Fresh		Yellow clay 12; blue clay 48; clay gravel 49; gravel 54; gravel 59 1/2; rock. Abandoned.
Core Con III	R. Tyhurst	Tyhurst & Smith	Aug. 4, 1954	3 1/2						Yellow clay 12; blue putty 46; hardpan 47; shale 49. Dry hole.
Core Con III	"	"	Aug. 6, 1954	3 1/2						Yellow clay 12; blue putty 47; hardpan 49; shale 50. Dry hole.
Core Con III	"	"	Aug. 11, 1954	3 1/2						Yellow clay 12; blue putty 46; hardpan 47; shale 48. Dry hole.
Core Con III	"	"	Aug. 25, 1954	3 1/2						Yellow clay 12; blue putty 47; hardpan 48; shale 49. Abandoned.
Core Con III	"	"	Aug. 25, 1954	3 1/2	1 1/2	49	16	Fresh	D, S	Yellow clay 12; blue putty 47; hardpan 48; shale 49 1/2.
Core Con IV	J. Drillicka	A. A. Heel	Sep. 4, 1953	3 1/2	1	35	23	"		Top soil sand 4; sand yellow clay 16; soft blue sandy clay 40; hardpan 52; loose black shale gravel 57 1/2; black shale rock 62 1/2.
Core Con IV	"	"	Mar. 9, 1953	4	2	62 1/2	8	"	T	Top soil sand 4; yellow clay sand streaks 12; blue clay 42; gravel 55 1/2; clay sand 65.
Core Con IV	M. McKay	"	Mar. 20, 1953	6 1/2	36	28	9	Fresh	P	Sand 5; blue clay 42; hard clay gravel 55; black rock 128; soapstone.
Core Con IV	J. Palanek	Economical Water	Aug. 13, 1954	4	15	128	25	"	D, S	Yellow clay 42; gravel clay 54; shale 52; rock.
Core Con V	A. Okkema	" Supply	Feb. 3, 1954	3 1/2	10		18	"	D	Yellow sand 5; blue clay 32; gravel 32; rock.
Core Con V	S. Smida	"	Jul. 23, 1954	4	10	20	10	"	D, S	Yellow sand 5; blue clay 46; rock. Dry hole.
Core Con VI	J. Korinek	"	Dec. 4, 1954	4				"	S	Yellow sand 10; blue clay 50; sand gravel 51.
Core Con VII	P. Funk	"	May 8, 1954	4	5	10	10	"	S	Yellow sand 7; blue clay 32; hard blue gravel 45; rock.
Core Con VIII	Dawn Mills	"	Jan. 15, 1954	4	1 1/2		22 1/2	"	D	
Core Con VIII	Parsonage	"								
Core Con IX	C. H. Smith	E. R. McGaffey	Feb. 24, 1953	3 1/2	12		7	"	D	Yellow sand 11; yellow clay 16; blue clay 32; coarse gravel 33.
Core Con X	A. Bader	"	Aug. 17, 1953	4						Sand 5; blue clay 15; hardpan 26; fine gravel 28; hardpan 42; blue shale 48; black shale 70. Dry hole.
Core Con X	"	"	Aug. 19, 1953	4						Sand 5; blue clay 28; fine gravel 30; hardpan 42; blue shale 44. Dry hole.

CENT COUNTY—cont.

Garden TWG. cont.	A. Badger	E.R. McGaffey	Aug. 21, 1953	4	15	5	Fresh	D	Sand 4; blue clay 23; boulders fine gravel 29; hardpan 35; boulders fine gravel 36; blue shale 41; black shale 57. Dark gray 1; yellow clay 12; grey clay 35; hardpan 43; black shale 65. Dry hole.
Gore Con X lot	B. Lloyd	D. Wade	Dec. 3, 1954	4				D	Dark clay 1; yellow clay 12; grey clay 35; hardpan 47.
Gore Con XI	"	"	Dec. 7, 1954	4	5	40	"	D	Red sand 6; blue clay 25; silt 45; black sand 46; hardpan 55; Rock 69. Unit for drinking.
Gore Con XII	F. Kuryvial	E.R. McGaffey	Nov. 4, 1953	4	8	20	Slight	D	Sandy soil 11; quicksand 15; blue clay 49; sand gravel 54.
Gore Con XIV	T. Brooks	A.E. Zimmer	Jul. 28, 1954	4	1	40	Fresh	D	Sand 10; sand 50; sand gravel 51; sand 70; shale 75; Dry hole.
Gore Con XIV	W. North	R. Lather	Jul. 22, 1954	4	8	20	"	D	Clay 11; sand 49; sand gravel 50; sand 70; shale 71. Dry hole.
Chatham	E. Pair	L. Paubert	Jun. 24, 1953	3				D	Clay 10; sand 51; sand gravel 53; sand 68; shale 69. Dry hole.
Chatham	"	"	Jul. 1, 1953	3				D	Red sand hard clay 10; soft blue clay 4; hardpan 63; sand gravel 65.
Chatham	G. Swatyk	O.L. Ecuver & Son	Nov. 1, 1953	3	2 1/2	30	Fresh	D	Sand 12; blue clay 49; quicksand 64; black sand 69; brown shale 71. Dry hole.
Chatham	D. Rice	G. Rice	Feb. 24, 1954	3 1/2				D	Fine sand 12; blue mud 49; quicksand 64; black sand 69; black shale 71. Dry hole.
Chatham	"	"	Apr. 9, 1954	3 1/2				D	Clay 14; sand 18; clay 47; sand gravel 51; sand clay 65; gravel clay 67; black soft shale 70. Abandoned.
Chatham Twp. lot	H. Letreault	O.L. Ecuver & Son	May 2, 1954	3	3	70	Fresh	D	Clay 14; sand 18; clay 47; sand gravel 51; sand clay 65; gravel clay 67; black soft shale 70.
Con I	"	"	May 16, 1954	3	3	70	"	D	Clay 13; sand 16; clay 51; sand clay 64; gravel sand 66; black rock 70.
Con I	W. Robinson	"	Aug. 2, 1954	3	3	70	"	D	Clay 12; sand 14; clay 41; gravel sand 45; clay with pebbles 63; sand gravel 65. Abandoned.
Con I	C. Smith	"	Nov. 5, 1954	3	3	65	"	D	Yellow top soil 10; blue clay 36; blue clay pebbles 39; gravel 41; clay gravel 61; fine sand 65; gravel 66; shale.
Con I	H. Willageon	Economical Water	Jun. 2, 1953	3	3	19	"	D	Yellow top soil 14; blue clay 19; fine sand 35; blue clay few pebbles 38; gravel 43; clay gravel 59; fine sand 63; shale.
Con I	M. VanDurne	" Supply "	Jun. 4, 1953	3 1/2	4	16	"	D	Blue clay 40; sand clay 67. Dry hole.
Con I	"	"	Oct. 26, 1953	3				D	Blue clay 40; sand clay 68. Dry hole.
Con I	"	"	Oct. 28, 1953	3				D	Blue clay 40; sand clay 68. Dry hole.
Con I	"	"	Oct. 31, 1953	3				D	Blue clay 40; sand clay 68. Dry hole.
Con I	"	"	Nov. 2, 1953	3	1	25	Fresh	D	Blue clay 40; sand clay 68; sand 69.
Con I	"	"	Dec. 27, 1953	3	3	65 1/2	"	D	Earth clay 12; sand 18; clay 50; sand gravel 58; clay 63; fine sand 65; sand coarse gravel 65.
Con I	"	O.L. Ecuver & Son	Dec. 27, 1953	3	3	65 1/2	"	D	Clay 14; sand 17; clay 40; sand gravel 47; clay pebbles 62; sand gravel 64; gravel 65.
Con I	"	"	Mar. 24, 1954	3	3	17	"	D	Clay 15; sand 19; clay 41; sand gravel 46; clay pebbles 59; sand gravel 65; gravel 65.
Con I	M. VanDurne	"	Apr. 15, 1954	3	3	37	"	D	Clay 14; sand 18; clay 45; sand gravel 51; clay pebbles 62; sand gravel 64; coarse gravel 65.
Con I	G. Smith	"	Apr. 28, 1954	3 1/2	3	12	"	D	Yellow clay 4; blue clay 15; hardpan 69; broken shale 70; black and blue shale 79.
Con I	P. Michia	E.R. McGaffey	Jan. 2, 1953	4	4 1/2	21	"	P	Hard clay 10; soft blue clay 40; hardpan 55; gravel 60.
Con I	"	"	Mar. 30, 1953	4	4	40	"	P	Clay 17; sand 19; clay 52; sand gravel 57; clay gravel 64; gravel 66.
Con I	L. Lorraine	O.L. Ecuver & Son	Apr. 15, 1953	3	3	66	"	C	Top soil 12; blue clay 40; hardpan 69; shale 70.
Con I	W. Matt	"	Oct. 23, 1953	4	1	43	"	C	Earth 14; sand 21; clay few pebbles 59; clay sand gravel 70; clay 71.
Con I	J. Leschysyn	"	Dec. 2, 1953	3				D	Dry hole.
Con I	"	"	Dec. 5, 1953	4	2	19	Fresh	D	Soft clay 67; sand gravel 70; slate 85.
Con I	L. Cline	C. Warren	Dec. 31, 1954	4	2	21	"	D	Yellow clay 4; blue clay 39; hard clay sand 61; sand gravel 63 1/2.
Con I	P. Pillon	Economical Water	May 11, 1954	3 1/2	6	18	"	C	Yellow sand 8; blue clay 40; hardpan 61; gravel 63.
Con I	W. Quigley	" Supply "	Jun. 22, 1954	3 1/2	2	18	"	C	Clay 45; hard clay gravel 59; sand 60; hard clay sand 64; sand 65.
Con I	G. Timms	"	Jun. 26, 1954	4	2 1/2	29	"	D	Hard clay sand 67; gravel 68; hard clay gravel 72; black shale 72 1/2.

1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING METER	PUMP- ING TEST	PUMP- ING LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY-cont. Cathlamet cont.									
Con I	Rainbow Motel	Economical Water Supply	Oct. 22, 1954	4	15	35	Fresh	P	Yellow sand 6; blue clay 43; hard clay 53; quicksand 55; gravel sand 60.
Con I	A. L. Stacey	"	Oct. 26, 1953	4	4	29	"	D	Yellow clay 7; blue clay 40; clay sand hardpan 56; gravel 57; sand gravel 70; rock.
Con I	C. Lewis	"	Apr. 30, 1954	3 1/2					Yellow soil 9; blue clay 47; hard clay 54; quicksand 59; clay gravel 69; soapstone. Dry hole.
Con I	"	O. L. Ecuver & Son	May 15, 1954	3 1/2	1 1/2	18	"	D	Yellow sand 9; blue clay 47; hard clay sand 56; gravel 58.
Con I	G. Z. Hittim	"	Apr. 1, 1954	4	2 1/2	12	"	D	Hard clay 7; sand 15; quicksand 13; soft blue clay 25; hardpan 60; sand gravel 70.
Con II	C. Echtes	A. E. Zimmer	Jul. 18, 1953	4					Top soil sand 12; quicksand 20; blue clay 45; sand hardpan 60; black shale 74; grey shale 85. Dry hole.
Con II	"	"	Jul. 25, 1954	4	3	35	"	D	Sandy soil 12; quicksand 20; blue clay 45; sand hardpan 66; black shale 71.
Con II	C. Taylor	"	Oct. 20, 1954	4	2	30	"	D	Fine sand 20; soft blue clay 70; hardpan stones 74; gravel 75.
Con II	E. Jenkins	Economical Water Supply	Sep. 3, 1953	4	1	11	"	D	Sandy top soil 19; blue clay 57; clay hardpan 63; gravel 60; rock.
Con II	W. King	"	Mar. 25, 1954	3 1/2				D	Yellow sand 13; blue clay 50; hard clay sand 61; gravel 66; rock. Dry hole.
Con II	N. Ebert	O. L. Ecuver & Son	Jun. 4, 1954	3	3	78	"	D	Sand loam 3; clay 10; sand 14; clay 50; gravel sand 54; gravel pebbles 57; sand gravel 73; soft black rock 78.
Con II	P. Poole	"	Jun. 20, 1954	3	3	10	"	D	Clay 11; sand 14; clay 48; gravel 54; clay sand 62; coarse gravel 64.
Con II	I. Wastone	"	Sep. 27, 1954	3	3	10	"	D	Clay 13; sand 15; clay 43; sand 52; clay pebbles 64; gravel 66; black rock 70.
Con II	W. King	"	Oct. 9, 1954	3	3	78	"	D	Sandy loam 3; clay 15; sand 17; clay 52; clay with sand and pebbles 67; sand gravel 71; green sand and black rock 78.
Con II	R. Rentjima	"	Oct. 27, 1954	3	3	18	"	D	Sandy loam 4; clay 12; sand 15; clay 49; sand gravel 52; clay sand gravel 67; gravel black shale 68.
Con II	J. Vanuden	"	Jun. 6, 1953	3 1/2					Clay 14; sand 17; clay 48; clay gravel 55; clay 61; clay gravel sand 63; soft black rock 70. Dry hole.
Con II	J. Vanuden	"	Jun. 14, 1953	3 1/2					Clay 14; sand 17; clay 47; clay gravel 56; clay 62; clay gravel 65; soft black rock 70. Dry hole.
Con II	"	"	Jun. 23, 1953	3 1/2					Sandy loam 3; clay 17; sand 19; clay 42; clay sand gravel 47; clay 62; sand gravel 64; soft black rock 68. Dry hole.
Con II	"	"	Jul. 1, 1953	3 1/2					Sandy loam 4; clay 16; sand 18; clay 40; sand gravel 46; clay 60; sand gravel 64; soft black rock 66. Dry hole.
Con II	"	"	Jul. 12, 1953	3 1/2	3	65	Fresh	D	Sandy loam 4; clay 17; sand 19; clay 42; sand gravel 47; clay 62; sand gravel 64; coarse gravel 65.
Con II	L. Verschoote	"	May 12, 1954	4	5	20	"	D	Hard clay 7; sand 13; soft blue clay 50; hardpan 63; loose shale 70.
Con II	A. Nead	"	Jul. 12, 1954	3	3	88	"	D	Sandy loam 3; clay 12; sand 16; clay 52; clay sand 64; sand gravel 68; clay sand 70; gravel 71; soft black rock 78; sand 86; gravel black rock 88.
Con II	G. Atkins	"	Nov. 25, 1954	3	3	78	"	D	Sandy loam 4; clay 13; sand 16; clay 52; sand 60; sand clay gravel 72; slate rock with sand 76; black rock 78.
Con II	M. Fields	"	Oct. 22, 1953	3	3	62	"	D	Sandy loam 4; clay 40; clay and gravel mixed 57; gravel 59; fine sand 59; rock 62.
Con II	P. Dragokupiec	"	Nov. 27, 1953	3	3	66	"	D	Earth 12; sand 16; clay few pebbles 52; sand gravel clay 64; coarse gravel 65; soft black rock 66.
Con II	E. Vanderboy	S. Zimmer	May 25, 1954	3 1/2	4	30	"	D, S	Yellow sand 18; soft blue clay 35; gravel clay 55; sandy hardpan 69; sand 70.
Con III	J. Etches	A. E. Zimmer	Jul. 11, 1953	4	5	30	"	D, S	Top soil 2; sandy loam 10; quicksand 20; blue clay 45; sand hardpan 66; black shale 74.
Con III	C. Morse	O. L. Ecuver & Son	Aug. 7, 1953	3 1/2	3	72	"	D, C	Clay 15; sand 18; clay 54; gravel 58; gravel sand 65; hard black rock 77.

KENT COUNTY-cont.

Chatham Twp. cont.

Con	III	lot	1	L.J.Shepley	L.Paubert	4	2 1/2	42	12	12	12	3	3
Con III	"	"	1	"	"	4							Gray clay 20; quicksand 22; grey clay 58; black sand 64; sand gravel 72.
Con III	"	"	1	"	"	4							Gray clay 20; quicksand 22; grey clay 58; black sand 64; sand gravel 70. Dry hole.
Con III	"	C. Whyte	3		O.L'Ecuycr & Son	3 1/2	3	10	10	"	"	D	Sandy loam 7; clay 11; sand 15; clay 15; gravel 55; clay pebbles 67; sand clay 7; gravel 7; sand rock 82; black rock 83.
Con III	"	P. Bernath	4		"	3							Sand 3; clay 11; sand 14; clay 30; sand gravel clay 62; coarse gravel 66; sand black shale 80; black shale 90. Dry.
Con III	"	S. Korytrachin	5		S. Zimmer	3 1/2	3	10	3	"	"	P	Top soil loam 3; red clay 5; yellow sand 14; soft blue clay 45; gravelly clay 59; silt gravel 61.
Con III	"	P. Vanlierde	7		Economical Water Supply	3 1/2	4		9	"	"	D	Yellow sand 10; blue clay 41; hardpan 64; shale.
Con III	"	P. Kusalik	13		"	3 1/2	1 1/2	25	18	"	"	D,S	Sand 24; blue clay pebbles 40; gravel 52; fine floating sand 69; rock 68.
Con III	"	W.A.Gare	14		C. Warren	4							Loam 6; sand 16; soft clay 37; clay gravel 65; slate 78. Dry hole.
Con IV	"	L.Paubert	3		"	4	8	5	4 1/2	"	"	D	Top soil 4; quicksand 18; blue clay 60; hardpan 68; black shale 68.
Con IV	"	P.K.Gazarek	12		Economical Water Supply	4	5	7 1/2	7	"	"	D	Blue clay 4; gravel clay 55; gravel 60.
Con IV	"	L.Graven	13		"	4	5	8 1/2	8 1/2	"	"	D,S	Sandy soil 20; blue clay 49; clay hardpan 59; gravel sand 71; rock.
Con IV	"	V.Merritt	15		"	4	1 1/2	11	11	"	"	D	Hard yellow clay 5; blue clay 21; silt 32; hardpan clay sand 55; gravel sand.
Con V	"	W.Thibeault	2		L.Paubert	4							Gray clay 25; quicksand 28; grey clay 60; sand gravel 75; black shale 80. Dry hole.
Con V	"	"	2		"	4							Gray clay 25; quicksand 28; grey clay 60; sand gravel 75; black shale 80. Dry hole.
Con V	"	A.Graven	13		Economical Water Supply	3 1/2	2 1/2	60	18	"	"	D	Yellow sand 9; blue clay 46; hard clay 66; quicksand 68; rock 76.
Con V	"	H.Bowman	21		O.L'Ecuycr & Son	3	5	12	10	"	"	D,S	Red sand 10; soft blue clay 30; hardpan 99; sand gravel 90; black shale 90.
Con VI	"	C.J.Graven	12		Economical Water Supply	3 1/2	1 1/2	16	16	"	"	D	Sand 12; blue clay 62; sand gravel 66; rock.
Con VI	"	Twp.of Chatham	12		D.Wade	4							Sand 15; grey clay 58; hardpan 68. Dry hole.
Con VI	"	"	12		"	4							Sand 12; grey clay 56; hardpan 66; black shale 84. Dry hole.
Con VI	"	"	12		"	4							Dark clay 2; sand 12; grey clay 56; hardpan 62; black shale 66. Dry hole.
Con VI	"	"	12		"	4							Sand 10; grey clay 56; hardpan 58. Dry hole.
Con VI	"	"	12		"	4							Clay 2; sand 6; quicksand 12; grey clay 55; hardpan 62; black shale 70.
Con VII	"	J.Studnicka	20		Econ.Water Supply	4	3	17	17	"	"	C	Yellow soil 9; blue clay 5; gravel 55.
Con VII	"	C.McFadden	20		E.R.McGaffey	4 1/2	1 1/2	25	15	"	"	D,S	Yellow clay 6; blue clay 40; fine white sand 41; hardpan 47; broken shale 49; black shale 61.
Con IX	"	B.Cunning	6		Econ.Water Supply	4							Yellow clay 6; blue clay 46; black shale. Dry hole.
Con IX	"	H.Cunning	6		"	6	3	45	31	"	"	D,S	Yellow clay 7; blue clay 43; gravel 45.
Con IX	"	A.Lernout	23		"	4							Yellow clay 18; blue clay 51; clay gravel 53; black shale. Dry hole.
Con IX	"	J.Gibulka	25		"	3 1/2	2	12	12	"	"	D	Yellow sand 4; blue clay 50; gravel clay 52; gravel 55; shale.
Con X	"	H.Patterson	13		"	3 1/2	4	32	12 1/2	"	"	D,S	Yellow sand 6; blue clay 48; hardpan 61; shale. Dry hole.
Con X	"	S.Higgate	20		E.R.McGaffey	3 1/2	1 1/2	9	9	"	"	"	Yellow clay 13; blue clay 38; hardpan 40; sand 55; broken shale 65; black shale 84. Abandoned.
Con X	"	"	20		"	3 1/2							Yellow clay 14; blue clay 40; hardpan 57; broken shale 59; black shale 71. Dry hole.
Con X	"	"	20		"	3 1/2	1 1/2	15	15	"	"	D,S	Yellow clay 18; silt 43; hardpan 59; broken shale 72; black shale 100.
Con X	"	G.Spence	20		G.R.Simpson	3 1/2	3	32	16	"	"	D,S	Sandy top soil 6; blue clay 46; sand gravel 48; hardpan 61; black shale 63.
Con X	"	W.G.Lucas	21		A.A.Heal	4							Top soil yellow clay 12; blue clay 38; hardpan 50. Dry hole.
Con X	"	"	21		"	4							Top soil yellow clay 12; blue clay

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY-cont. Chatham Twp. cont.										
Con XI " 16	W.Shore	R.Lather	Jul. 29, 1954	4	2	50	19	Salt		Sand 6; clay sand 57; hardpan 67; shale 75. Abandoned.
Con XI " 16	P.Kys	"	Aug. 2, 1954	4						Clay 8; clay sand 53; hardpan 57; shale 70. Dry hole.
Con XI " 16	"	"	Aug. 6, 1954	4						Sand 10; clay sand 55; hardpan 74; shale 100. Dry hole.
Con XI " 16	W.Shore	Econ. Water Supply	Aug. 12, 1954	4						Sand 10; clay 45; hardpan 60; shale 75. Dry hole.
Con XI " 16	"	"	Aug. 23, 1954	4						Yellow sand 3; blue clay 54; clay gravel 56; gravel sand 59; black shale. Dry hole.
Con XI " 16	"	"	Aug. 30, 1954	4						Yellow sand 7; blue clay 55; sand 55; sandstone. Dry hole.
Con XI " 8	J. Eiving	E.R. McGaffey	Sep. 7, 1954	4	1 1/2	56	11	Presq	J	Yellow soil 14; blue clay 54; gravel 55; fine sand 56.
Con XI " 8	"	"	Mar. 24, 1953	4	2 1/2		12	"	D, S	Yellow sand 3; yellow clay 12; salt 42; hardpan 56; fine gravel 57; blue shale 64.
Con XII " 14	C. Smith	"	Jun. 18, 1953	4						Sand 5; salt 41; hardpan 58; blue and black shale 75. Dry hole.
Con XII " 11	A. Harvey	D. Wade	Sep. 25, 1954	4						Sand 15; grey clay 53; hardpan 62; black shale 75. Dry hole.
Con XII " 11	"	"	Sep. 27, 1954	4						Sand 15; grey clay 57; hardpan 59; black shale 72. Dry hole.
Con XII " 11	"	"	Sep. 28, 1954	4						Sand 12; grey clay 56; hardpan 60; black shale 70. Dry hole.
Con XII " 2	E. Caron	P. Mills	Aug. 30, 1953	2		12	12	Fresh	D	Top soil 4; clay 20; sand 74.
Gore Con I " 9	B. Dubeau	V. Conlon	Oct. 22, 1954	2	7	20	15	"	D, S	Soil 2; fine sand 5; quicksand 8; blue clay 87; black sand fine gravel 89.
Gore Con I " 13	L. Lechard	"	Feb. 19, 1953	2	10	20	12	"	D	Black sand yellow clay 5; quicksand 8; hard blue clay 14; soft blue clay 73; fine sand medium gravel 75.
Gore Con I " 13	P. J. Debrone	"	Mar. 18, 1953	2	10	20	14	"	J	Dark sand 2; yellow sand 5; quicksand 8; hard blue clay 12; soft blue clay 79; fine black sand medium sand gravel 31.
Gore Con I " 13	A. Kinsel	D. Wade	May 2, 1953	3	4	30	15	"	D	Dark clay; sand 8; grey clay 75; sand gravel 78; black shale 80.
Gore Con I " 13	A. Barlehe	"	May 9, 1953	3	5	20	15	"	D	Dark clay; sand 8; grey clay 75; sand gravel 78; black shale 80.
Gore Con I " 13	A. Berolre	"	May 23, 1953	3	4	18	15	"	D	Dark clay; sand 7; grey clay 70; sand gravel 78; black shale 80.
Gore Con I " 13	A. Vangeesdale	P. Mills	Jul. 3, 1953	2		15	15	"	D	Dark sandy soil 3; grey clay 15; grey sandy soil 80.
Gore Con I " 13	P. J. Debrone	V. Conlon	Sep. 8, 1953	2	10	23	14	"	D	Top soil 3; yellow sand 5; quicksand 8; soft blue clay 50; gravel 82.
Gore Con I " 13	G. White	P. Mills	Sep. 25, 1953	2		18	18	"	D	Top soil sandy yellow clay 4; grey clay 20; sandy grey clay 78; hardpan.
Gore Con I " 13	E. Voichourt	"	Dec. 20, 1954	2		20	20	"	D	Top soil black sandy loam 10; red sandy clay 20; blue clay 30; hard blue clay 60; sandy clay 81; hardpan.
Gore Con I " 15	T. Kenny	G. McClure	Dec. 1, 1953	4						Top soil 2; quicksand 5; clay 70; dirty sand 72. Abandoned.
Gore Con I " 15	"	"	Dec. 2, 1953	4						Top soil 2; quicksand 5; clay 72; grey rock. Dry hole.
Gore Con I " 15	"	"	Dec. 8, 1953	4	3	14	12	Fresh	D, S	Soil 2; quicksand 5; clay 70; coarse sand 72.
Gore Con I " 27	W. Babcock	D. Wade	Jun. 10, 1954	3 1/2	1 1/2		20	"	D	Sand 6; grey clay 57; black shale 75.
Gore Con I " 27	W. Peters	"	Oct. 23, 1954	3 1/2	13	14	14	"	D	Sand 15; grey clay 55; sand 57; grey shale 62; brown shale 72.
Gore Con I " 28	C. Morrison	"	Feb. 23, 1954	3 1/2	10	21	19	"	D	Clay 2; sand 10; grey clay 57; sand 59; shale 62.
Gore Con II " 3	J. Crawford	V. Conlon	Feb. 10, 1953	3 1/2	11	15	10	"	D, S	Black sand clay 3; yellow clay 5; hard blue clay 12; soft blue clay 104; fine sand coarse gravel 105.
Gore Con II " 11	C. Youngs	"	Aug. 28, 1953	2	8	22	14	"	D	Top soil 3; yellow sand 6; quicksand 8; soft blue clay 92; fine black sand 94; gravel.
Gore Con II " 12	J. T. Thompson	G. McClure	Jun. 5, 1954	4	7	16	10	"	D	Black muck 2; quicksand 10; blue clay 69; sandstone 81.
Gore Con II " 18	A. Booth	D. Wade	Jan. 6, 1953	3 1/2	4	76	12	"	D, S	Clay 1; sand 12; quicksand 15; grey sand 70; gravel sand 74; black shale 76.
Gore Con II " 24	J. Armstrong	"	Apr. 20, 1953	4						Dark clay 2; sand 8; blue clay 16; grey clay 65; hardpan 72; black shale 76. Dry hole.
Gore Con II " 25	"	"	Apr. 16, 1953	4						Dark clay 2; sand 8; dark clay 55; blue clay 65; hardpan 70; black shale 80. Dry hole.
Gore Con II " 25	"	"	Apr. 18, 1953	4						Dark clay 2; sand 8; blue clay 16; grey clay 65; black shale 71. Dry hole.
Gore Con II " 25	"	"	Apr. 21, 1953	4						Dark clay 2; sand 8; blue clay 16; grey clay 65; hardpan 72. Dry hole.
Gore Con II " 25	"	"	Apr. 25, 1953	4	1 1/2	70	12	Fresh	D	Dark clay 4; sand 8; grey clay 60; sand 63; black shale 70.

KENT COUNTY-cont.

[illegible]

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY--cont. Dover Twp. cont.										
ED Con I lot 21	E. Smith	Econ. Water Supply	Jun. 15, 1953	4	3		37	Fresh	D	Black, tan, silty sand 40; hardpan 13; blue clay 36; blue clay pebbles 63; gravel 80; rock 100.
ED Con II " 7	R. Couture	L. Paubert	Mar. 29, 1953	3						Clay 39; sand 58; gravel 80. Dry hole.
ED Con II " 7	"	"	Apr. 1, 1953	3						Clay 30; sand 58; gravel 66. Dry hole.
ED Con II " 9	G. King	O.L. Ecuver & Son	Dec. 15, 1953	3	4	12	12	"	D	Clay 37; sand 51; gravel 75.
ED Con II " 9	E. King	"	Oct. 5, 1954	3	3	15	10	"	D	Hard red clay 10; soft blue clay 40; hardpan 70; soft black shale 72.
ED Con II " 12	R. Parry	L. Paubert	Oct. 22, 1953	4	3	24	15	"	D	Hard red clay 10; soft blue clay 50; hardpan 64; gravel 66.
ED Con II " 12	"	"	Feb. 21, 1954	4						Clay 10; sand 50; sand gravel 55; sand 66. Dry hole.
ED Con II " 12	"	"	Feb. 21, 1954	4	2	45	30	Fresh	D	Clay 10; sand 43; gravel sand 56; sand 72. Dry hole.
ED Con II " 24	E. Prada	Econ. Water Supply	May 27, 1954	3 1/2	4		14	"	D	Yellow sand 15; clay 58; sand gravel 63; shale 64.
ED Con III " 10	R. Caron	O.L. Ecuver & Son	May 20, 1953	3	4	21	14	"	D	Clay sand 2; clay 14; sand 13; clay 42; sand clay 45; clay little gravel 69; sand gravel 71; coarse gravel 72.
ED Con III " 12	Sep. School	"	Apr. 15, 1953	4	6	35	18	"	P	Hard clay 10; soft blue clay 55; hardpan 30; black shale 84.
ED Con III " 12	School	"	Apr. 30, 1953	4	6	35	18	"	P	Hard clay 10; soft blue clay 55; hardpan 30; black shale 88.
ED Con III " 12	E. Bechoud	"	Jun. 1, 1954	4	5	35	21	"	P	Red sand clay 13; soft blue clay 50; hardpan 65; sand gravel 68.
ED Con III " 12	L. Paubert	"	Jul. 16, 1954	4						Gray clay 12; quicksand 14; gray clay 45; clay stones 62; fine sand 64; black shale 68. Dry hole.
ED Con III " 12	"	"	Jul. 19, 1954	4						Gray clay 12; quicksand 14; gray clay 45; clay stones 62; coarse gravel 64; black shale 70. Dry hole.
ED Con III " 12	"	"	Sep. 21, 1954	4						Clay 45; sand 62; gravel 65; shale 71. Dry hole.
ED Con III " 12	"	"	Sep. 23, 1954	4						Clay 45; sand 63; gravel 64; shale 70. Dry hole.
ED Con III " 12	"	"	Sep. 25, 1954	4						Clay 44; sand 64; gravel 65; shale 72. Dry hole.
ED Con III " 13	E. King	O.L. Ecuver & Son	Oct. 8, 1954	4						Clay 46; sand 63; gravel 65; shale 72. Dry hole.
ED Con III " 13	P. King	"	May 2, 1954	4	5	25	21	Fresh	D	Hard clay red sand 13; soft blue clay 50; hardpan 65; sand gravel 63.
ED Con III " 13	"	"	May 8, 1954	3						Gray clay 26; sand 28; gravel 63; clay 60; heavy sand 70. Dry hole.
ED Con III " 13	"	"	May 12, 1954	3						Gray clay 26; fine sand 28; gravel 63; clay 60; heavy sand 70. Dry hole.
ED Con III " 13	"	"	May 18, 1954	3						Gray clay 29; fine sand 27; gravel 63; clay 60; heavy sand 70. Dry hole.
ED Con III " 13	"	"	May 24, 1954	3						Gray clay 25; fine sand 27; gravel 63; clay 60; mixed sand 73. Dry hole.
ED Con III " 13	"	"	Jun. 1, 1954	4	5	20 1/2	20	Fresh	C	Clay 45; sand 63; gravel 64; shale 70. Dry hole.
ED Con III " 13	L. Paubert	"	Sep. 30, 1954	4						Clay 44; sand 63; gravel 65; shale 69. Dry hole.
ED Con III " 13	"	"	Oct. 6, 1954	4						Clay 44; sand 63; gravel 65; shale 70. Dry hole.
ED Con III " 13	H. Maure	"	Oct. 20, 1954	3						Clay 21; sand 26; clay 52; quicksand 59; coarse sand 70; gravel sand 80.
ED Con III " 13	"	"	Oct. 23, 1954	3	2 1/2	23	17	Fresh	D	Clay 23; sand 26; clay 53; quicksand 60; coarse sand 71; gravel 74.
ED Con III " 13	Pinsonneault	"	Dec. 13, 1954	3						Clay 23; sand 26; white clay 57; heavy sand 80. Dry hole.
ED Con III " 13	"	"	Dec. 27, 1954	3	3	28	17	"	D	Clay 23; sand 26; white clay 57; heavy sand 80; sandstone 85.
ED Con III " 18	D. H. Bechard	"	May 2, 1953	3						Clay 16; sand 30; clay 51; sand gravel 69; gravel 71. Dry hole.
ED Con III " 18	"	"	May 4, 1953	3	2 1/2	22	16	"	D	Clay 16; sand 30; clay 53; sand gravel 70; gravel 72.
ED Con III " 18	"	"	Aug. 24, 1954	3						Clay 16; sand 20; clay 64; sand 71; shale 73. Dry hole.
ED Con III " 18	"	"	Aug. 26, 1954	3						Clay 15; sand 21; clay 66; sand 72; shale 75. Dry hole.
ED Con III " 18	"	"	Aug. 30, 1954	3	1 1/2	30	17	"	D	Clay 15; sand 20; clay 65; sand 72; shale 75.
ED Con III " 24	R. Beechard	"	Oct. 28, 1954	3	3	26	16	"	D	Clay 16; sand 20; clay 48; sand 61; gravel 62.
ED Con III " 24	L. Ferritt	O.L. Ecuver & Son	Mar. 7, 1953	3						Clay 18; sand 20; clay 50; sand gravel 59; coarse gravel 62; gravel sand 66; sand 68; gravel 68. Dry hole.
ED Con III " 24	"	"	Mar. 27, 1953	3	3	70	15	"	D	Clay 17; sand 13; clay 48; gravel sand 54; clay some gravel 63; sand gravel 66; sand 66; rock 70.
ED Con III " 24	W. Shivers	"	Jul. 29, 1953	3	3	35	15	"	D	Sandy loam 3; clay 15; sand 18; clay 48; clay sand gravel 63; medium sand 63; sandy shale 64; soft black shale 69.
ED Con III " 24	P. Sironen	"	Aug. 17, 1953	3						Clay 16; sand 19; clay pebbles 51; sand gravel 58; clay little gravel 66; sand gravel 68; gravel 69; black rock 71. Dry hole.

KENT COUNTY-cont.

Dover Twp. cont. ED Con III lot 24	P. Siironen	O. L. Sawyer & Son	Aug. 27, 1953	3	3-	32	14	Fresh	D	Clay 17; sand 19; clay 30; gravel sand 53; clay 64; sand gravel 67; gravel 63; loose black shale 70.
ED Con III " 24	C. Rivard	"	Sep. 5, 1953	3	3	23	15	"	"	Clay 16; sand 19; clay 49; pebbles 50; sand gravel 57; clay little gravel 67; sand 60; gravel 69; soft black rock 70.
ED Con III " 24	T. Harris	Tyhurst & Smith	Jul. 15, 1954	3 1/2	2	25	15	"	"	Top soil 2; sand 19; quicksand 15; blue clay 40; margin 54; fine sand 60; sand gravel 65; gravel 67; shale.
ED Con IV " 2	H. Duphette	L. Faubert	Jun. 28, 1954	3 1/2						Grey clay 13; quicksand 20; grey clay 51; fine sand 65; sand fine gravel 75. Dry hole.
ED Con IV " 6	P. Jubenville	"	Mar. 2, 1953	3						Clay 21; sand 37; clay 53; sand gravel 69; gravel 71; sand gravel 75. Dry hole.
ED Con IV " 6	"	"	Mar. 12, 1953	3	5	8	8	Fresh	"	Clay 21; sand 36; clay 56; sand gravel 72; gravel 74.
ED Con IV " 17	G. Hudka	"	Sep. 15, 1954	4	3	30	12	"	D	Clay 23; sand 26; clay 63; sand 70; shale 73.
ED Con V " 3	P. Pinsonneault	"	Jul. 10, 1953	3						Black sand 5; clay 23; sand 42; blue clay 58; sand 64; sand gravel 70. Dry hole.
ED Con V " 3	"	"	Jul. 16, 1953	3						Black sand 5; clay 29; sand 41; blue clay 59; sand 70; sand gravel 71; soapstone 80; gravel 83. Dry hole.
ED Con V " 3	"	"	Aug. 10, 1953	3						Black sand 6; clay 32; sand 48; blue clay 53; sand 69; sand gravel 72; soapstone 79; gravel 80; brown shale 92. Dry hole.
ED Con V " 4	L. Jubenville	"	Feb. 22, 1953	3					D	Clay 28; sand 32; clay 58; sand gravel 61; sand gravel 68; gravel 75.
ED Con V " 4	"	"								Gas encountered.
ED Con V " 4	R. Van Praet	"	Apr. 19, 1954	6	10	16	8	"	D, S	Grey clay 30; sand 33; grey clay 65; sand gravel 69.
ED Con V " 4	L. Jubenville	"	Apr. 24, 1954	4	3	15	8	"	D	Grey clay 28; sand 30; grey clay 64; sand 68; gravel sand 70.
ED Con V " 6	P. Pinsonneault	L. Faubert	Mar. 17, 1953	3	2	12	5 1/2	"	D	Clay 22; sand 30; clay 57; clay gravel 60; sand 65; gravel 67.
ED Con V " 6	"	"	Sep. 2, 1953	3				"	"	Black sand 2; clay 59; sand 69.
ED Con V " 6	"	"	Sep. 4, 1953	3				"	"	Black sand 2; clay 59; sand 68; shale 70. Abandoned.
ED Con V " 6	"	"	Sep. 8, 1953	3				Fresh	"	Black sand 3; clay 60; sand 69; shale 72. Abandoned.
ED Con V " 6	"	"	Sep. 15, 1953	3				"	"	Black sand 3; clay 57; sand 69; shale 70. Abandoned.
ED Con V " 6	"	"	Sep. 22, 1953	3				"	"	Black sand 3; blue clay 59; fine sand 67. Abandoned.
ED Con V " 6	"	"	Sep. 29, 1953	3	3	26	6	"	"	Black sand 3; blue clay 60; fine sand 64; sand gravel 71; shale 73.
ED Con V " 9	H. Couture	"	May 7, 1953	3				"	"	Clay 10; sand 27; clay 32; sand 64; sand gravel 78. Dry hole.
ED Con V " 9	"	"	May 19, 1953	3				"	"	Clay 12; sand 26; clay 53; sand 63; sand gravel 75. Dry hole.
ED Con V " 9	"	"	May 23, 1953	3				"	"	Clay 10; sand 32; clay 50; sand 65; sand gravel 67; sand 75. Dry hole.
ED Con V " 9	"	"	Jun. 2, 1953	3	1	40	10	Fresh	D	Clay 10; sand 30; clay 32; sand 66; sand gravel 69; gravel 72; sand gravel 74.
ED Con V " 10	P. Pinsonneault	"	Jun. 10, 1953	3	1 1/2	22	9	"	D	Clay 11; sand 18; clay 39; sand 51; blue clay 60; sand gravel 62; gravel 63; sand 77; shale 78.
ED Con V " 10	"	"	Jan. 14, 1954	3				"	"	Grey clay 23; sand 26; grey clay 60; sand gravel 69. Dry hole.
ED Con V " 10	"	"	Apr. 5, 1954	3				"	"	Grey clay 23; sand 25; blue clay 61; sand gravel 64; gravel 73.
ED Con V " 12	"	"	Jun. 12, 1953	3	2 1/2	40	12	Fresh	D	Clay 9; sand 18; clay 58; sand 57; sand gravel 60; gravel 75. Dry hole.
ED Con V " 12	"	"	Jun. 13, 1953	3				"	"	Clay 9; sand 18; clay 50; sand 57; sand gravel 61; gravel 72. Dry hole.
ED Con V " 12	"	"	Jun. 15, 1953	3				"	"	Clay 9; sand 13; clay 47; sand 59; sand gravel 63; gravel 70. Dry hole.
ED Con V " 12	"	"	Jun. 17, 1953	3				"	"	Clay 10; sand 13; clay 50; sand 60; sand gravel 61; gravel 73. Dry hole.
ED Con V " 12	"	"	Jun. 18, 1953	3				"	"	Clay 11; sand 13; clay 53; sand 55; sand gravel 60; gravel 70. Dry hole.
ED Con V " 12	"	"	Jun. 19, 1953	3				"	"	Clay 10; sand 16; clay 52; sand 60; gravel 69. Dry hole.
ED Con V " 12	"	"	Jun. 20, 1953	3				"	"	Clay 10; sand 16; clay 51; sand 56; gravel 60.
ED Con V " 12	"	"	Nov. 6, 1953	3	3	10	10	Fresh	D	Clay 10; sand 17; clay 51; sand 57; gravel 62. Dry hole.
ED Con V " 12	"	"	Nov. 7, 1953	3				"	"	Clay 11; sand 20; clay 53; sand 59; gravel 60. Dry hole.
ED Con V " 12	"	"	Nov. 10, 1953	3				"	"	Clay 12; sand 19; clay 50; sand 58; sand gravel 63. Dry hole.
ED Con V " 12	"	"	Nov. 12, 1953	3				"	"	Clay 11; sand 21; clay 53; sand 58; sand gravel 61. Dry hole.
ED Con V " 12	"	"	Nov. 14, 1953	3				"	"	Clay 12; sand 20; clay 51; sand 57; sand gravel 60. Dry hole.
ED Con V " 12	"	"	Nov. 20, 1953	3				"	"	Clay 12; sand 21; clay 50; sand 58; sand gravel 60. Dry hole.
ED Con V " 12	"	"	Nov. 25, 1953	3				"	"	Grey clay 23; fine sand 26; grey clay 57; gravel sand 65.
ED Con V " 12	"	"	Jun. 10, 1954	3						Abandoned due to gas.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY-cont.										
Dover Twp. cont.										
ED Con V lot 12	Pinsoneault	L. Faubert	Jul. 25, 1954	3						Clay 20;sand 23;clay 55;sand gravel 65.Dry hole.
ED Con V " 12	"	"	Aug. 15, 1954	3	10	15	7	Fresh	D	Clay 2;sand 2;clay 55;sand gravel 60.
ED Con VII " 12	H.H. Martin	"	Nov. 2, 1953	3						Clay 17;sand 37;clay 59;sand gravel 65.Dry hole.
ED Con VII " 9	"	"	Nov. 5, 1953	3						Clay 17;sand 38;clay 60;sand gravel 65.Dry hole.
ED Con VII " 2	F. Charron	"	Jul. 6, 1953	3						Sand 5;clay 21;sand 36;blue clay 54;sand gravel 60;gravel 61;sand 78;sand gravel 83;hardpan 84;sand 85.Dry hole.
ED Con VIII " 9	L. Poissant	"	Oct. 4, 1953	3						Clay 10;sand 22;clay 55;sand 61;fine gravel 64.Dry hole.
ED Con VIII " 9	"	"	Oct. 6, 1953	3						Clay 11;sand 23;clay 59;sand 60;gravel 67.Dry hole.
ED Con VIII " 9	"	"	Oct. 10, 1953	3						Clay 9;sand 20;clay 63;sand 67;slate 68.Dry hole.
ED Con VIII " 9	"	"	Oct. 15, 1953	3						Clay 11;sand 24;clay 56;sand gravel 61.Dry hole.
ED Con VIII " 9	"	"	Oct. 17, 1953	3						Clay 11;sand 21;clay 55;sand gravel 60.Dry hole.
ED Con VIII " 9	"	"	Oct. 20, 1953	3						Clay 12;sand 21;clay 59;coarse gravel 63.Dry hole.
ED Con VIII " 9	"	"	Oct. 23, 1953	3						Clay 10;sand 23;clay 57;fine gravel 64.Dry hole.
ED Con VIII " 9	"	"	Oct. 26, 1953	3						Clay 11;sand 22;clay 58;coarse gravel 63;slate 64.
ED Con VIII " 2	R.L. Ecuver	O.L. Ecuver & Son	Oct. 27, 1953	3	5	9	3	Fresh	D	Clay 5;sand 8;grey clay 40;sand 51;grey clay 62;sand 66;gravel 63.
ED Con VIII " 13	J.E. Perreault	L. Faubert	Apr. 26, 1954	4	3	30	10	"	C	Grey clay 5;sand 8;grey clay 40;sand 51;grey clay 62;sand 66;gravel 63.
ED Con IX	"	"	Apr. 28, 1954	4	4	7	7	"	D,S	Grey clay 5;sand 8;grey clay 40;sand 51;grey clay 62;sand 66;gravel 63.
ED Con IX " 11	H. Cartier	"	May 3, 1954	3	3	3	3	"	D,S	Grey clay 21;sand 28;grey clay 60;sand gravel 68.
ED Con IX " 12	"	"	Nov. 6, 1954	3	3	22	8	"	D	Clay 2;sand 29;clay 60;sand gravel 65.
ED Con X " 10	H. Myers	O.L. Ecuver & Son	Aug. 28, 1954	3	7	12	10	"	D,S	Red sand 10;soft blue clay 65;hardpan 68;gravel 70.
ED Con XI " 8	H. Aubert	L. Faubert	Aug. 18, 1953	3						Clay 2;sand 59;sand gravel 65;slate 69.Dry hole.
ED Con XI " 8	"	"	Aug. 20, 1953	3						Clay 2;sand 59;sand gravel 64;slate 67.Dry hole.
ED Con XI " 8	"	"	Aug. 24, 1953	3						Clay 3;sand 50;sand gravel 64;slate 65.Dry hole.
ED Con XI " 8	"	"	Aug. 28, 1953	3						Clay 3;sand 57;sand gravel 66;gravel 67;slate 67.
ED Con XII " 20	O. Parrish	O.L. Ecuver & Son	Nov. 15, 1953	3 1/2	2 1/2	16	8	Fresh	D	Hard clay red sand 10;soft blue clay 60;hardpan 70;black shale 72.
ED Con XII " 1	P. Kerrit	S.H. Smith	Apr. 26, 1953	3	3	25	8	"	D	Top soil 3;yellow clay 16;blue clay 65;gravel 67.
WD Con I " 3	V. Duchette	G. Rice	Sep. 16, 1953	3	3	15	10	"	D	Top soil 3;yellow mud 14;quicksand 28;blue mud 48;quicksand 61;sand gravel 66.Dry hole.
Erie Beach	M. Hall	O.L. Ecuver & Son	Aug. 17, 1953	3 1/2	4	22	12	Fresh	D	Top soil 3;hard yellow clay 103;hardpan 112;slate rock 113.
Erie Beach	Erie Beach	H.M. Fairs	May 8, 1954	3	6	18	18	"	D	Loam 2;brown clay small stones 85;fine sand 100;sand gravel 114;coarse gravel.
Harwich Twp.										
CRE Con I lot 8	Malarys Ltd.	C. Warren	Jun. 10, 1953	4	8	115	97	Fresh	In	Clay 14;gravel black sand 163;black slate 169.
CRE Con II " 14	J. Kuban	Econ. Water Supply	Apr. 16, 1954	3 1/2						Boulders yellow soil 3;blue clay stones 115;quicksand 126;
CRE Con II " 14	"	"	Sep. 23, 1954	3 1/2						Boulders yellow clay 3;blue clay stones 116;quicksand 126.Dry hole.
CRE Con II " 10	R. Nudds	"	Feb. 23, 1953	4						Yellow clay 4;blue clay 117;gravel 118;quicksand 125.Dry hole.
CRE Con II " 11	J. Tarris	"	Aug. 10, 1954	4	3					Loam sand gravel 14;clay 191;sand 197;gravel clay 199;slate 227;soapstone 236.Dry hole.
CRE Con II " 19	J. Vallmer	O.L. Ecuver & Son	Feb. 2, 1953	3						Clay 150;gravel 155;slate 162;blue shale 165;slate 180.
CRE Con II " 19	W. Thompson	"	Feb. 25, 1952	3						Clay 8;gravel clay 8;clay 128;medium gravel 130.Dry hole.
CRE Con III " 17	G.E. Perritt	C. Warren	Jul. 1, 1952	4	1 1/2		18	"	D	Clay 8;gravel clay 8;clay 124;gravel 126;clay 130.Dry hole.
CRE Con IV " 2	G.E. Perritt	G.E. Perritt	Aug. 11, 1954	3	2	21	15	"	D	Blue clay 104;gravel 113;slate 133.
CRE Con IV " 22	G. Knott	G. Rice	Apr. 10, 1953	3	3	35	25	"	D	Blue clay 90;hardpan sand 104;slate 107;fellow clay 16;hard blue clay 87;soft blue mud;21;sand 127;brown shale.
CRE Con IV WGL 5	D. Goodison	C. Warren	May 25, 1954	4	1 1/2	175	85	Mineral	Ir	Clay 99;gravel 111;slate 152;soapstone 153.Dry hole.
CRE Con IV WGL 11	D. McGuigan	C. Laramie	May 20, 1954	4						Clay 4;clean sand 5;soft blue clay 165;gravel 175;black shale 186;soapstone 187.

KENT COUNTY-cont.

Locality	Section	Stratigraphic Unit	Depth (ft)	Gravel (%)	Clay (%)	Notes
Clendenning	Sec. 3, 1954	4	4	1	65	Clay 130; gravel 139; slate 200.
F. Duck	Apr. 30, 1953	4	4	1	65	Clay 114; sand gravel 121; clay sand gravel 147; black shale 170; slate 189.
G. Campbell	Nov. 4, 1953	4	4	5	120	Gravel loam 2; coarse gravel 10; brown clay some stone 131; fine hard sand 137; fine sand 146; sand 172; soapstone 199; black shale 224; abandoned.
H. English	Nov. 20, 1953	4	5	96	96	Gravel 10; brown clay pebbles 143; fine sand 162; hard gravel 177; sand 184; fine gravel 193; blue shale 205.
H. English	Jan. 29, 1953	4	5	96	96	Loam 2; gravel stones 10; brown clay stones 125; hard dark gravel 132; soft putty clay 161; gravel 166; hard fine gravel 170; black shale 182; rock black shale 200.
Econ. Water Supply	May 27, 1954	4	4	1	111	Blue clay 110; gravel 111.
B. Sawick	Jun. 16, 1954	4	4	1	54	Yellow clay 10; blue clay 46; hardpan 50; gravel 56.
D. Spence	Apr. 6, 1953	3	3	1	39	Dark clay 2; yellow clay 6; blue clay 15; clay stones 20; grey clay 45; hardpan 65; dry hole.
"	Apr. 11, 1953	3	3	1	39	Dark clay 2; sand 3; blue clay 15; grey clay stones 30; grey clay 45; hardpan 65; dry hole.
"	Apr. 15, 1953	3	3	12	12	Sand 7; blue clay 15; grey clay 50; hardpan 64; gravel sand 66.
H.M. Mairs	Nov. 27, 1954	4	4	7	10	Clay loam 2; yellow sand clay 20; fine sand 40; coarse gravel 43.
A.E. Zimmer	Jan. 30, 1954	4	4	2	24	Top soil sand 11; blue clay 22; gravel 65; black slate 82; dry hole.
H.M. Mairs	May 6, 1954	4	4	2	24	Sandy soil 12; blue clay 22; gravel 65; black slate 82; dry hole.
J. Libbreth	May 15, 1953	4	4	3	23	Clay 2; brown clay 25; fine sand 40; gravel 44.
G. Ackert	Apr. 7, 1953	3	3	1	15	Yellow clay 8; blue clay 35; hardpan 45; sand 63; fine gravel 64.
W. Finlay	Apr. 9, 1953	4	4	8	15	Yellow clay 8; blue clay 37; hardpan 40; fine sand 45; hardpan 43; sand 64; fine sand 65.
J.H. Alley	Apr. 10, 1953	4	4	8	15	Yellow clay 8; blue clay 35; hardpan 44; sand 65; fine gravel 66.
S. Zimmer	Oct. 15, 1953	3	3	2	41	Top soil red clay 7; soft blue clay 35; gravelly blue clay 47; blue clay 50; gravel 51.
H.M. Mairs	May 5, 1953	4	4	9	9	Loam 3; brown clay 19; hard clay gravel 70; gravel 75.
O.L. Ecuier & Son	Jan. 30, 1954	3	3	80	15	Sand 3; clay 15; sand 19; clay 29; sand clay 35; sand gravel 44; clay pebbles 72; sand gravel 75; black rock 80.
G. Hodges	Feb. 26, 1954	3	3	15	14	Sand 3; clay 15; sand 19; clay 33; sand gravel 36; gravel 37.
R. Nunn	Jun. 25, 1954	4	4	81	15	Yellow sand 9; blue mud 59; quicksand 69; sand 73; brown shale 81. Dry hole.
"	Jul. 1, 1954	4	4	86	14	Yellow sand 9; blue clay 59; quicksand 65; sand 70; brown shale 86. Dry hole.
C. Warren	Aug. 23, 1954	4	4	3	14	Loam 8; clay 57; sand gravel 66; gravel 67.
Econ. Water Supply	Nov. 1, 1954	3	3	3	14	Yellow sand 6; blue clay 25; hard clay sand 46; clay 57; hard clay gravel 62; quicksand 64; clay gravel 70; shale 77; hole.
"	Nov. 7, 1954	3	3	3	14	Yellow sand 7; blue clay 24; hard clay sand 45; hard clay 57; hard clay gravel 62; quicksand 64; clay gravel 71; shale 77; hole.
H.M. Mairs	Jul. 17, 1953	4	4	5	20	Yellow sand 20; brown sand 44; hard sand small stones 58; gravel 61.
A.E. Zimmer	Oct. 2, 1953	4	4	3	15	Sandy soil 12; sand 6; shale gravel 66.
H.M. Mairs	Apr. 23, 1953	4	4	3	12	Loam 2; sand slush 50; coarse gravel 56.
S. Chamahorn	Oct. 30, 1954	4	4	3	12	Loam 2; brown clay 20; fine sand 22; hard gravel 40; gravel 62.
J. Campbell	Jan. 24, 1954	4	4	3	17	Sandy soil 9; quicksand 23; blue clay 50; gravel clay 63; sand gravel 70.
"	Nov. 12, 1953	4	4	5	13	Clay 25; gravel 53; clay gravel 68; blue shale 70.
C. Warren	Aug. 10, 1954	6	6	1	16	In Hard clay 10; soft blue clay 25; hardpan 60; loose shale 62.
O.L. Ecuier & Son	Jul. 19, 1954	4	4	3	16	Pill 3; loam 6; sand clay mixed 20; fine sand 50; gravel 58.
H.M. Mairs	Aug. 8, 1953	4	4	5	15	Sandy loam 2; gravel clay 59; gravel 61.
J. Smith	Aug. 15, 1953	4	4	5	14	Sandy loam 2; gravelly clay stones 59; gravel 60.
W. Green	Mar. 14, 1953	4	4	4	21	Soft clay 50; sand gravel 59.
K. Stewart	Mar. 14, 1953	4	4	4	17	Sandy top soil 2; yellow sand 20; brown clay stones 40; sand 50; gravel 60.
H.M. Mairs	Aug. 21, 1953	4	4	6	17	Sandy top soil 2; yellow sand 20; brown clay stones 40; sand 50; gravel 60.

1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY-cont. Hawthorn Twp. cont. TRB WB Con II " 1 Lot 4	J. Symers	H.M. Mairs	Sep. 22, 1954	3 1/2	5	20	20	Fresh	D	Loam 2; yellow sand 10; brown clay stones 25; fine gravel 30; gravel clay 50; coarse gravel 56; gravel 58; fine gravel 72. Sand 3; blue clay 66; quicksand 70. Abandoned.
TRB WB Con II " 5	G. England	C. Warren	Oct. 24, 1953	4						Sand 3; blue clay 66; quicksand 70. Abandoned.
TRB WB Con II " 2	"	"	Oct. 27, 1953	4						Sand 3; blue clay 66; quicksand 70. Abandoned.
TRB WB Con II " 3	G. Want	O. L. Ewyer & Son	Oct. 30, 1953	4						Sand 3; clay 66; quicksand 63; shale slate 100. Abandoned.
TRB WB Con II " 5	G. England	"	Nov. 19, 1954	4	1/2	40	16	Fresh	D	Hard clay red sand 15; soft blue clay 10; hardpan 70; black shale 85. Dry hole.
TRB WB Con II " 1	G. Want	A. E. Zimmer	Apr. 1, 1953	3 1/2			17	Mineral		Hard clay red sand 10; soft blue clay 27; clay sand 40; hardpan 60; fine sand gravel 62.
TRB WB Con II " 1	"	"	Apr. 29, 1954	3 1/2						Yellow sand 9; blue sand gravel 30; gravel hardpan 60; blue shale 67; black slate 70. Abandoned.
TRB WB Con II " 1	A. K. Wrecka	Econ. Water Supply	May 12, 1953	3 1/2	3	31	15	Fresh	D	Yellow sand 9; blue sand gravel 50; gravel hardpan 60; blue shale 67; black slate 70. Dry hole.
TRB WB Con II " 1	E. Clunis	A. E. Zimmer	Jul. 1, 1953	3 1/2	5		17		D	Clay 53; sand 60; gravel clay 67; gravel 68.
TRB WB Con II " 1	J. P. Pigeon	O. L. Ewyer & Son	Jul. 1, 1953	4	2	50	20	"	D	Clay 53; sand 60; gravel clay 67; gravel 68.
TRB WB Con II " 1	W. Want	"	Jul. 14, 1953	4	3	20	19	"	D	Top soil 3; black clay 10; soft blue clay 20; hardpan 58; gravel 60.
TRB WB Con II " 1	Huron Const.	"	Aug. 10, 1953	3 1/2	1 1/2	45	18	"	D	Top soil 10; soft blue clay 20; hardpan 53; gravel 60; hardpan 70; shale 74.
TRB WB Con II " 1	"	"	Aug. 17, 1953	3 1/2	1 1/2	48	18	"	D	Top soil 3; black clay 10; hardpan 20; hardpan gravel 60; hardpan 70; shale 74.
TRB WB Con II " 1	W. Want	"	Aug. 26, 1953	4	3	28	13	"	D	Top soil 3; black clay 10; soft blue clay 20; hardpan 55; gravel 60.
TRB WB Con II " 1	Huron Const.	"	Aug. 31, 1953	4	1 1/2	50	18	"	D	Top soil 3; black clay 10; soft blue clay 20; hardpan 55; gravel 60; hardpan 70; shale 80.
TRB WB Con II " 1	"	"	Sep. 12, 1953	3 1/2	1 1/2	50	18	"	D	Top soil 1; black clay 10; soft blue clay 20; hardpan 59; gravel 60; hardpan 70; shale 74.
TRB WB Con II " 1	W. Owen	H.M. Mairs	Sep. 23, 1953	4	5	22	19	"	D	Top soil 3; yellow sand 20; soft putty clay 64; coarse gravel 67.
TRB WB Con II " 1	Huron Const.	O. L. Ewyer & Son	Oct. 7, 1953	3 1/2	3	25	18	"	D	Top soil 3; hard clay 10; soft blue clay 20; hardpan 59; gravel 60.
TRB WB Con II " 1	W. Wilson	G. McClure	Oct. 18, 1954	3 1/2	2	30	23	"	D	Clay 2; blue clay 56; fine sand 58.
TRB WB Con II " 2	L. G. Love	"	Oct. 25, 1954	3 1/2	3	30	24	"	D	Clay 2; blue clay 55; fine sand 58.
TRB WB Con II " 2	L. Kerr	D. Wade	Feb. 20, 1953	4	2	90	17	"	D	Sand 6; blue clay 12; grey clay 75; sand 81; black shale 90. Abandoned.
TRB WB Con II " 2	"	"	Mar. 3, 1953	4	4			"		Sand 6; dark clay 12; grey clay 75; sand 80; shale 90. Abandoned.
TRB WB Con II " 2	"	"	Mar. 16, 1953	4	4	90	17	"		Sand 10; clay 40; hard clay 50; clay 74; sand 76; grey limestone 81; dark shale 101. Dry hole.
TRB WB Con II " 2	"	"	Mar. 24, 1953	4	3		17	"	D, S	Sand 2; quicksand 7; clay 43; gravel 43; clay 72; grey shale 78; black shale 88.
TRB WB Con III " 5	W. Morningstar	H.M. Mairs	Sep. 14, 1953	4	5	17	17	"	D	Loam 2; brown clay stone 46; fine sand 66; gravel 71.
TRB WB Con IV " 1	B. Lanes	C. Warren	Oct. 10, 1953	4	1	32	32	"	D	Clay 21; sand gravel 50; slate 86; blue shale 88; grey limestone 90.
TRB WB Con IV " 3	D. Redford	Econ. Water Supply	Nov. 12, 1954	4	5	40	14	"	D	Clay 21; clay stone 55; quicksand 56; gravel sand 57.
TRB WB Con IV " 5	E. Lewis	C. Warren	May 29, 1954	3 1/2	2 1/2	55	16	"	D	Clay 52; sand 58; soft clay 66; gravel 69; slate 70.
TRB WB Con V " 1	N. Doyle	G. Rice	Jun. 7, 1954	4	2 1/2	25	12	"	D	Yellow sand 9; blue clay 64; coarse sand 71.
TRB WB Con V " 2	L. Kerr	C. Warren	Jul. 3, 1953	4	4			"		Clay 71; sand gravel 75; clay gravel 85. Abandoned, too much sand.
TR "19	J. Spence	D. Wade	Mar. 17, 1954	3	5	21	19	Fresh	D	Sand 19; clay 70; sand gravel hardpan 92.
Howard Twp. Con I	J. Lamers	R. McGaffey	Feb. 10, 1954	3 1/2	3	25	20	Fresh	D, In	Sandy top soil 9; blue clay 58; hardpan 63 1/2; gravel 64.
Con II	H. Stewart	R. Lather	May 3, 1954	4	7	25	14	"	D, S	Clay 6; fine sand clay 35; fine sand 62; coarse sand 64; black shale 65.
Con III	J. Dick	R. McGaffey	Jun. 7, 1954	4	1	25	23	"	D, S	Sand 10; soft blue clay 35; hard clay 58; hardpan 89; gravel 89 1/2.

Howard Twp. cont.	6	M. Resume	Econ. Water Supply	Jun. 30, 1954	4	25	14	Fresh	D, S	Yellow sand 11; clay 76; quicksand 77; sand gravel 79. Sandy soil 10; clay 7; sand 92; quicksand 122; harpans 130; rock 131. Sandy loam 5; blue clay 120; sandy mixtures 136; harpans 139; gravel 141. Gravel 4; blue clay pebbles 80; layers of sand clay 144; harpans 157; gravel 163. Dry hole.
Con V	lot	1	"	Jan. 10, 1953	4	25	14	"	D, S	Red clay gravel 12; blue clay 122; sand and clay mixed 209; gravel 220; grey slate 245. Dry hole.
Con V	"	9	A. B. Zimmer	Jan. 19, 1954	4	30	17	"	D, S	Sandy soil 10; blue clay 20; gravel clay 42; gravel 45. Clay 170; sand gravel 179; slate 182.
Con IX	"	11	C. Warren	Oct. 12, 1954	4	2 1/2	59	"	D	Clay 15; sand gravel clay 164; soapstone 176. Dry hole.
Con X	"	7	"	Jun. 21, 1954	4	1	65	"	D, S	Clay 15 1/2; sand gravel 167; slate 189.
Con X	"	7	"	Sep. 25, 1954	4	1	50	"	D, S	Clay 15 1/2; sand gravel 153; slate 154.
Con XII	"	8	"	Dec. 6, 1954	4	3	67	"	D, S	Clay 14 1/2; brown clay 12; grey clay pebbles 116; grey clay 121; harpans 124. Dry hole.
P.O.	"	2	J. P. Myslik	May 14, 1953	3	155	65	Fresh	D, S	Clay loam 1; brown clay 12; grey clay pebbles 116; soft pink clay 122; harpans 131; gravel 135; grey clay 146; sand gravel 160; soapstone 177; grey stone 178.
Con V	"	96	"	Sep. 25, 1954	3	10	65	"	D, S	Clay loam 1; brown clay 12; grey clay pebbles 116; pink clay 121; harpans 122; gravel 129; grey clay 151; coarse gravel 137; quicksand 140; coarse gravel 150.
Con VI	"	19	H. M. Mairs	Apr. 27, 1954	3 1/2	4	18	"	D	Yellow clay 10; brown clay stones 57; sand 75; gravel 92.
Orford Twp.										
Con I	lot	5	R. M. Campbell	Jun. 16, 1954	4	120	118	Fresh	D, S	Red clay 16; blue clay pebbles 122; silt clay 223; brown shale 234. Brown clay 12; grey clay 146; sandy clay 208; sand gravel 213; coarse gravel 222.
Con V	"	8	"	Oct. 13, 1953	3	17	124	"	D, S	Sand 14; blue clay 106; harpans 120; red clay 140; coarse gravel 150. Sand loam gravel 19; blue clay small stones 142; quicksand 180; gravel 190.
Con VI	"	17	Palenkas Bros.	Jan. 20, 1953	6	100	60	"	D, S	Red sand 3; blue clay 170; red clay 187; sand gravel 192.
Con VII	"	2	R. M. Campbell	May 26, 1954	4	100	70	"	D, S	Red sand 3; grey clay 120; grey sand 150; till 160; black shale 170.
Con VII	"	2	"	Mar. 17, 1954	4	7 1/2	35	"	D, S	Red sand 10; grey clay 83; grey sand 93; till 100; sand gravel 110.
Con XII	"	6	"	Dec. 16, 1953	4	7 1/2	28	"	D, S	Grey sand 12; grey clay 63; till 116; gravel & coarse sand mixed 124.
Con XIII	"	5	"	Sep. 19, 1953	4	7	118	"	D, S	Brown clay 11; grey clay 87; sand 110; coarse gravel 143.
Con XIV	"	11	"	Feb. 7, 1953	4	140	30	"	D, S	Top soil sand 10; grey clay 63; grey harpans 80; fine grey sand 82; grey clay 105; fine grey sand 110; gravelly harpans 112; shale 114.
MRS	"	3	R. McGaffey	Mar. 14, 1953	3 1/2	17 1/2	17 1/2	Fresh	P	Clay sand 4; blue clay 98; gravel 101; blue clay 105; quicksand 175; black shale 200. Dry hole.
TRN	"	58	H. M. Mairs	Oct. 5, 1953	4	6	17 1/2	"	P	Clay 2; yellow clay 23; brown clay 147; fine sand 130; gravel 156.
Raleigh Twp.										
Con A	lot	6	G. Rice	Jul. 9, 1953	3	70	18	Fresh	D	Yellow clay 12; blue mud 96; sand 103; soapstone 104. Dry hole.
Con A	"	6	"	Sep. 24, 1953	3	10	12	"	D	Yellow clay 12; blue mud 40; blue clay 52; sand 53; blue mud 96; sand 101; soapstone 102. Dry hole.
Con A	"	9	"	Jul. 12, 1954	3	25	12	"	D	Yellow sand 15; yellow clay 25; blue clay 32; gravel 93; rock. Yellow clay 23; blue mud 77; sand 51; rock 82.
Con VII	"	9	"	Jul. 22, 1953	3	1	25	"	D	Yellow sand 5; blue clay pebbles 60; gravel 61; blue clay pebbles 115; soapstone 138. Dry hole.
Con VII	"	22	"	Dec. 2, 1954	4	3	132	"	D	Hard clay 10; hard clay gravel 125; soapstone 250. Dry hole.
Con VIII	"	25	"	Sep. 30, 1954	4	9	25	"	D	Hard clay 10; hard clay gravel 125. Dry hole.
Con VIII	"	25	"	Jul. 20, 1953	3 1/2	1	50	"	D	Clay 80; muddy gravel 99; black sand 103; slate 106. Dry hole.
Con IX	"	16	"	Aug. 1, 1953	3	1	25	"	D	Yellow sand 8; blue clay pebbles 118; hard white clay 132; gravel. Yellow clay 11; blue clay 108; gravel 125; medium sand 123.
Con IX	"	22	"	May 20, 1953	3 1/2	1	50	"	D	Yellow clay 11; blue clay 108; gravel 125; medium sand 123.
Con X	"	22	"	May 1, 1954	3 1/2	1	50	"	D	Yellow clay 11; blue clay 108; gravel 125; medium sand 123.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT County-cont. Raleigh Twp-cont. Con X	A.Charron	O.L'Euyer & Son	Jan.17,1953	4	3	170	65	Saltpur	D	Clay gravel 12; clay 127; gravel 128; soapstone 160; limestone 167; soapstone 170.
Con XI	W.Marshall	C.Warren	Sep. 8,1953	4	10	60	46	Fresh	D	Clay 12; gravel 128; blue shale 136; slate 160.
Con XII	J.H.Morris	J.H.Morris	Jan. 2,1953	4	30	30	30	"	D	Yellow clay 42; hard fine sand 37; blue clay 60; fine sand 62; yellow clay 7; sand 74; blue clay coarse gravel 104.
Con XI	"	"	Jul.31,1954	3	3	20	20	"	"	Yellow clay 22; fine sand 37; blue clay 97; fine sand 99; blue clay 110; hardpan 111; sand 112. Abandoned.
Con XI	G.Zhittin	O.L'Euyer & Son	Apr.15,1954	4	3	40	20	"	D,S	Hard clay 50; hardpan 89; gravel 90.
Con XI	H.Haffman	H.M.Wars	May 19,1954	3	3	166	34	Salt	"	Yellow clay 3; brown clay 130; soft putty clay 135; fine gravel 147; soapstone 166. Abandoned.
Con XI	"	"	May 31,1954	3				"	"	Yellow clay 10; brown clay 114; clay gravel 119; hard fine sand 153; soapstone 155; Dry hole.
Con XI	G.Ackins	"	Aug. 9,1954	3	2	40	40	Fresh	D	Previously drilled 127; coarse gravel 130; gravel 140; shale slate 148.
Con XI	W.Avis	C.Warren	Jun. 7,1954	3 1/2	6	60	46	"	D	Clay 111; sand gravel 123; slate 124.
Con XII	P.A.Dent	G.Rice	Oct. 8,1954	3 1/2	1	40	36	"	D	Yellow clay 10; blue clay 105; quicksand 120; blue mud 130; sand 133.
Con XII	P.W.Drewery	P.W.Drewery	Aug.25,1953	3	3	55	55	"	D	Dark clay 101; gravel 104; dark clay 133; hardpan sand 135; gravel 136; hardpan sand 138; soft slate pebbles.
Con XIII	C.Walker	C.Warren	Oct. 5,1953	4	5	100	71	Fresh	D,S	Clay 166; gravel 168; soapstone 217; limestone 225; Dry hole.
Con XV	G.Hawley	G.Rice	Nov.30,1953	3	3	55	48	"	D	Yellow sand 12; blue clay 156; fine sand 162; brown shale 163.
LEF Con I	G.Holmes	O.L'Euyer & Son	Jun. 1,1953	4	3	60	48	"	D	Clay gravel 115; hardpan 121; black shale 122.
LEF Con I	P.Franklin	"	Jun.15,1953	4	5			"	D	Clay and gravel mixed 115; hardpan 122; black shale 130.
THR	School S.#10	C.Warren	Apr.21,1953	4				"	"	Sand 26; clay 192; soapstone 195. Dry hole.
THR	"	"	Mar.25,1953	4				"	"	Sand 14; clay 217; soapstone 220. Dry hole.
TRS EB	French/Bristol	Econ.Water Supply	Oct.28,1954	3 1/2	1	62	28	Fresh	D	Yellow sand 6; blue clay 40; hard clay sand 52; quicksand 61 1/2; sand gravel rock 62.
TRS EB	W.Elliott	Econ.Water Supply	May 28,1953	3	5	40	19	"	D	Grey clay 28; grey clay pebbles 51; gravel 57; shale.
TRS EB Con IV	J.Beathe	G.Rice	Aug. 3,1954	4	2		15	"	D	Sand 8; blue clay 43; sand 45; blue clay 50; sand 53; blue mud 69; fine sand 72.
TRS FC	J.Braunstein	S.Zimmer	Apr.14,1953	3	3	69	28	"	D	Yellow sand red clay 15; blue clay 45; clay gravel 68; gravel 69.
TRS FC	Daymond Co.Ltd.	O.L'Euyer & Son	Jul. 1,1954	4	7	35	16	"	"	Top soil 4; hard brown clay 50; hardpan 79; loose shale 80; abandoned.
WB Con IV	L.Crow	"	Jul. 1,1954	4	7	40	16	"	"	Top soil 2; hard brown clay 50; hardpan 79; loose shale 80; abandoned.
WB Con IV	J.Tanaka	Econ.Water Supply	Sep.20,1954	3		20	20	"	"	Blue clay 30; gravel 31 1/2; clay 55; hard clay 69; gravel 71; gravel clay 88; clay sand 91; shale 95; soapstone. Abandoned.
WB Con IV	"	"	May 25,1953	4	5		12	"	D	Blue clay 71; sand gravel 78.
WB Con IV	P.Harwood	G.Rice	Jan.14,1953	3	1		18	"	D	Yellow clay 12; blue clay 66; brown shale 70; Dry hole.
WB Con IV	"	Econ.Water Supply	Jul.17,1953	4				"	D	Black clay 4; yellow clay 12; blue clay 37; blue clay pebbles 63; gravel 68; grey shale.
WB Con IV	G.Crow	Econ.Water Supply	Oct.16,1954	4	1 1/2	40	8	"	D,S	Clay 18; sand 23; blue clay pebbles 56; clay gravel 65; soapstone 66; gravel 70; shale.
WB Con IV	J.Galecka	Econ.Water Supply	Mar.20,1953	3	4	12	10	"	D	Hard clay 10; soft blue clay 35; hardpan 60; sand gravel 63.
WB Con IV	P.Carson	O.L'Euyer & Son	Oct.10,1954	3	4		14	"	D	Yellow sand 9; blue mud 49; dark-blue mud 69 1/2; quicksand 70.
WB Con IV	C.Irwin	G.Rice	Feb.12,1953	4	6 1/2	50	30	"	D	Yellow sand 9; blue mud 49; dark-blue mud 69 1/2; quicksand 70.
WB Con IV	Audet's Motel	"	Jul.24,1954	4	25			"	"	Sand 9; blue clay 50; sand 52; blue clay 59; sand 70; brown shale 72.
WB Con IV	F.Price	"	Jul.24,1954	4				"	"	Sand 6; blue clay 47; hardpan 51; blue clay 67; sand 70; brown shale 72. Dry hole.
WB Con V	C.Irwin	G.Rice	Jul.25,1953	4			14	Fresh	D	Yellow sand 9; blue mud 66; black shale 69. Dry hole.
WB Con V	B.Copley	"	Jun.27,1953	3				"	"	Sand 11; blue mud 51; grey mud 61; sand 64; rock.
WB Con V	A.Juit	E.R.McGaffey	Jan.26,1953	3 1/2				"	"	Yellow sand 8; blue clay 15; silt 43; hardpan 62; fine sand 70; black shale. Dry hole.

KENT COUNTY-cont.

Highgate Res. cont.

WB Con V	lot 13	A. Luit	E. R. McGarvey	Jan. 28, 1953	3½	1½	22	Pres	D	Yellow sand 8; blue clay 15; silt 43; hardpan 62; fine sand 69; fine gravel 71; black shale 75.
WB Con V	" 13	C. Kuesera	J. Rice	Jun. 8, 1953	4					Yellow mud 12; blue mud 70; sand 72; shale 73. Dry hole.
WB Con V	" 18	"	"	Jun. 13, 1953	4					Yellow mud 10; blue mud 70; sand 71; shale 72. Dry hole.
WB Con V	" 18	"	"	Jun. 20, 1953	4		13		D	Yellow sand 12; blue mud 70; sand 74; shale.
WB Con V	" 18	C. Dulong	Econ. Water Supply	Jun. 22, 1953	3	3	31		D	Sandy soil 14; blue clay 32; blue clay pebbles 63; gravel 71; rock.
WB Con V	" 18	J. Houston	E. R. McGarvey	Jul. 18, 1953	4				D	Sand 10; silt 53; hardpan 68; white sand 77; black shale; dry hole.
WB Con V	" 13	"	"	Jul. 25, 1953	4	2½	21		D	Sand 13; silt 53; hardpan 69; fine sand 72; fine gravel 73.
WB Con V	" 13	"	"	Aug. 4, 1953	4					Black shale.
WB Con V	" 18	"	"	Aug. 4, 1953	4					Sand 1; silt 54; hardpan boulders 72; fine white sand 73.
WB Con V	" 18	"	"	Aug. 7, 1953	4					Black shale 30; dry hole.
WB Con V	" 18	R. McLarty	"	Aug. 24, 1953	4	3	34		D	Sand 9; silt 54; hardpan 69; gravel 71; black shale 80; dry hole.
WB Con V	" 19	School S. #18	Econ. Water Supply	Feb. 13, 1954	4	3	50		D	Sand 4; yellow clay 8; silt 53; hardpan 70; fine sand gravel 72.
WB Con V	" 19	"	"	Feb. 13, 1954	4		32			Yellow sand 12; blue clay 43; hard clay 65; fine sand 66; shale 80. Abandoned.
WB Con V	" 19	H. Fowler	G. Rice	Jul. 20, 1954	4	5	31½		D	Yellow soil 12; blue clay 44; hard clay pebbles 67; gravel 69; shale.
WB Con VI	" 6	"	"	Mar. 25, 1953	3½		15		D, S	Yellow clay 19; blue clay 36; sand 40; blue mud 60; sand 62; blue mud 83; sand 88; shale.
WB Con VII	" 2	C. Pelkey	"	Nov. 3, 1953	3					Yellow clay 14; blue mud 48; fine sand 52; sand soft grey mud 78; quicksand 79. Dry hole.
WB Con VII	" 2	C. Pettier	"	Nov. 14, 1953	3	1½	30		D, S	Sand 12; blue mud 41; sand 45; light grey mud 96; fine sand 100.
WB Con VII	" 3	School S. #4	"	Mar. 17, 1953	3		12		P	Yellow clay 12; blue clay 42; sand 44; blue mud 72; sand 75.
WB Con VII	" 4	R. Souligny	"	Oct. 23, 1953	4		12		D, S	Yellow clay 12; blue mud 52; sand 53; light grey clay 96; sand 100; rock 104.
WB Con VII	" 7	G. Rice	"	Aug. 12, 1954	4					Clay 10; blue mud 47; sand 54; blue mud 84; rock 86. Dry hole.
WB Con VII	" 7	"	"	Aug. 20, 1954	4					Clay 10; blue mud 50; sand 54; blue mud 92; rock 94. Dry hole.
WB Con VII	" 7	"	"	Aug. 23, 1954	4	1½	25		D	Clay 16; blue clay 59; sand 59; blue clay 83.
WB Con VII	" 8	E. Prince	"	May 3, 1953	3					Yellow clay 15; blue clay 75; quicksand 80. Dry hole.
WB Con VII	" 8	"	"	May 20, 1953	3		18		D, S	Yellow clay 14; blue clay 74; sand 76.
Ridgetown		Ridgetown Publ. Utilities Comm.	H. M. Mairs	Mar. 18, 1953	8	45	53		P	Clay stones 59; hard gravel 78; brown clay 90; gravel 95; fine gravel 100; fine sand 120; coarse sand 130; hard gravel 138; gravel 140; shale rock 151.
Ridgetown		"	R. M. Campbell	Jul. 17, 1954	3½				T	Gravel 6; blue clay 82; sand 143; hardpan 160. Dry hole.
Ridgetown		"	"	Aug. 2, 1954	3½					Story blue clay 63; gravel 67; clay 84; silt 130; hardpan 165; slate 167. Dry hole.
Ridgetown		Town of Ridgetown	"	Nov. 15, 1954	8	35	65		Fresh	Loam clay 7; blue clay 90; fine sand 112; clay hardpan 121; gravel sand 135. Abandoned. Gas cut pump off.
Romney Twp. Con II	lot 25	G. Franklin	S. H. Smith	Feb. 26, 1954	6½	3	55		Fresh	Top soil 3; hardpan 14; blue clay 163; hardpan gravel 165; gravel sand 185.
Con III	" A	J. McQueen	"	Dec. 15, 1954	4					Top soil 2; brown hardpan 14; blue clay 146; gravel 146½; hardpan stones 159; black shale 160; brown limestone 161. Dry hole.
Con III	" A	"	"	Dec. 30, 1954	4	½	70		C	Top soil 2; brown hardpan 14; blue clay 146; gravel 147.
TRR	" 180	K. Fletcher	"	Jan. 20, 1953	4	5	55		D, S	Top soil 3; yellow clay 16; blue clay 166; gravel 169.
TRR	" 183	F. T. Byrum	C. Warren	Oct. 26, 1954	4		38			Gravel 27; clay 171; gravel 274; limestone. Abandoned.
TRR	" 183	A. Byrum	"	Nov. 12, 1954	4					Clay 114; gravel 120; clay gravel 164; gravel 177; soapstone 191. Dry hole.
Shrewsbury		G. Lester	C. Warren	May 18, 1953	4	3	26		D	Clay 102; black sand 108.
Shrewsbury		W. Duckett	"	Jul. 25, 1953	4	3	40		D	Clay 108; gravel 112; blue shale 115; broken slate black sand 117; slate 120.
Shrewsbury		P. Reece	"	Dec. 29, 1953	4	½	12		D	Clay 112; blue shale 118; slate 120; blue shale slate 145.
Shrewsbury		C. Casey	H. M. Mairs	Jun. 14, 1954	3	5	14		D	Yellow sand 5; brown clay stones 20; brown clay 102; fine gravel 108; black shale 114.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
KENT COUNTY-cont.										
Shrewsbury	M. Brown	H.M. Kairs	Jun. 19, 1954	3	5	14	14	Fresh	D	Loam 2; yellow sand 18; brown clay 102; fine brown sand 108; black gravel 114; black shale 116.
Shrewsbury	G. Hall	"	Jun. 26, 1954	3	5	13	13	"	D	Top soil 2; yellow sand 10; brown clay 100; black gravel 105; black shale 114.
Shrewsbury	H.T. Miller	"	Aug. 17, 1954	3	5	20	15	"	D	Loam 2; sand brown clay mixed 20; brown clay small stones 98; coarse gravel 101; fine gravel 105; black shale slate 108.
Tilbury East Twp.										
Con XII lot 14	M. Kruczalski	Don. Water Supply	Jul. 7, 1954	4	1		18	Slightly Salt	D	Blue clay 116; hard clay sand 117; soapstone. Dry hole.
Con XII " 14	"	"	Jul. 10, 1954	4				"	D	Blue clay 116; dirty sand 117; soapstone.
Con XII " 9	J. Authier	S.H. Smith	Mar. 18, 1954	4				"	D	Brown hardpan 15; blue clay 185; soapstone 180. Dry hole.
Con XII " 9	"	"	Mar. 30, 1954	4				"	D	Brown hardpan 15; blue clay 185; soapstone 180. Dry hole.
Con XV " 9	"	"	Aug. 5, 1954	4	3	55	35	Fresh	D,S	Brown hardpan 16; blue clay 185; fine gravel 167.
Con XV " 9	E. Miffin	"	Nov. 3, 1953	6 1/2	3	135	35	"	D,S	Top soil 3; yellow clay 16; blue clay 166; shale gravel 169.
Wallaceburg										
Con I lot 7	D. Como	P. Mills	Nov. 2, 1953	2	16	16	16	Fresh	D	Top soil sandy yellow clay 5; grey clay 20; sandy grey clay 77; hardpan.
Zone Twp.										
Con I lot 7	L. Second	E.R. McGaffey	Aug. 8, 1953	4	8	5	5	Fresh	D,S	Sand 6; blue clay 20; hardpan 32; fine sand 35; shale.
Con II " 13	N. Wengranluk	"	Sep. 12, 1953	4	9	7	7	"	D,S	Yellow clay 12; blue clay 36; hardpan 40; black shale blue shale 41.
Gore	W.R. Leverton	R. McGaffey	Jul. 6, 1954	4		70	40	"	D,S	Clay 18; gravel 19; blue clay 32; hardpan 69; gravel 70.
LAMINGTON COUNTY.										
Alvinston	United Church	E.R. McGaffey	May 30, 1953	4	10	20	20	Fresh	D	Sand blue clay 10; silt 13; blue clay 70; hardpan 75; fine gravel 76.
Alvinston	J. Snugg	S. Earl	Aug. 12, 1954	3 3/8	15	30	18	"	D	Clay 10; gravel 15; clay 70; hardpan 73; gravel 74.
Arkona	G.L. Hawkins	A. Heal	Apr. 23, 1953	4	1/2	65	7	Fresh	D	Top soil 4; yellow clay 12; blue clay 33; soft sandy blue clay 55; hardpan 62; soft limestone 75 1/2. Abandoned.
Arkona	"	"	Apr. 23, 1953	4	3	29	9	"	D	Top soil gravel 9; yellow clay 13; blue clay 33; hard blue clay sand streaks 52; hardpan 57; soft limestone 70.
Arkona	N.W. Richter	"	Sep. 7, 1953	4	1/2			Salt		Gravel top soil 6; yellow clay 14; blue clay 20; sand clay 22; blue clay 35; sand blue clay 58; hardpan 66; soft limestone 95. Abandoned.
Arkona	"	"	Sep. 11, 1953	4				"		Gravel top soil 6; yellow clay 14; blue clay 20; sand clay 22; blue clay 35; sand blue clay 58; hardpan 66; soft limestone 81. Dry hole.
Arkona	J. Doherty	"	Sep. 15, 1953	4	2	11 1/2	11	Fresh	D	Top soil yellow clay 14; blue clay 31; gravel 37; blue clay 39.
Arkona	D. Brook	"	Nov. 23, 1954	4	2	60	8	"	D	Top soil gravel 25; hard blue clay gravel 30; sandy hard blue clay 40; blue clay 60; hardpan 74; limestone 86.
Bosauquet Twp.										
Con XVII lot 13	I. Pearne	P. Rendle	Sep. 15, 1953	4	4	38	28	Fresh	S	Clay 63; shale rock 72.
Con XVII " 16	R. Muller	"	Apr. 10, 1953	4	5	59	44	"	D	Clay 100; gravel 104; shale 125.
Con XVII " 11	G. Wallington	"	May 10, 1954	4	4	40	30	"	S	Clay 80; hardpan 82.
Con XVII " 54	F. Wall	"	Nov. 10, 1954	4	8	30	10	Sulphur	D,S	Sand 2; clay 34; gravel 36.
Con XVII " 71	F. Walden	"	Jul. 14, 1954	4				"	D	Sand 2; clay stones 37; shale 40. Dry hole.
Con XVII " 71	N. Wilson	"	Jul. 17, 1954	4				"	D	Sand 4; clay sand stones 100; shale 150. Dry hole.
Con XVII " 71	F. Walden	"	Jul. 21, 1954	4	8	38	Flows	Sulphur	D	Sand 8; clay stones 41; shale 43.
Con XVII " 71	"	"	Jul. 30, 1954	4				"	D	Sand 8; clay gravel stones 46; shale 49. Dry hole.
Con XVII " 71	"	"	Aug. 10, 1954	4				"	D	Sand gravel 10; clay stones 46; shale 49. Dry hole.
Con XVII " 71	"	"	Aug. 20, 1954	4				"	D	Sand 8; clay stones 46; shale 48. Dry hole.
Con XVII " 71	"	"	Sep. 4, 1954	4	8	26	5	Fresh	D	Sand 8; clay rock 34; shale rock 36.
Con XVII " 72	D. Smith	"	Jul. 1, 1954	4	3	30	13	Sulphur	D	Sand rock 8; clay sand rocks 34; rock hardpan 36.
Con XVII " 72	R. Armstrong	"	Aug. 5, 1954	4	5	20	5	"	D	Sand 8; clay sand 34; shale rock 36.
Con XVII " 19	E. Hall	A. Heal	Jun. 16, 1953	4	10	36	32	Fresh	D,S	Yellow clay 14; blue clay 56; hard blue clay sand boulders 62; blue clay 90; hardpan 97 1/2; black shale rock 103 1/2.

LAMBTON COUNTY-cont.

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1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAKETON County-cont. Eniskillen Twp.										
Con VII lot 24	O.Dobbin	W.King	Mar.19,1953	4	5	25	20	Fresh	D,S	Top soil 2;hard clay 10;blue clay 40;hardpan 43;shale 43½; black shale 66.
Con IX " 11	R.Short	H.Brandon & Sons	Jul.24,1954	6	4	60	18	Salt	S	Red clay 15;blue clay 5½;sand gravel mixed 93;gravel black shale 10;black shale 107. Dry hole.
Con IX " 11	"	"	Jul.27,1954	6	4	60	18	Salt	S	Red clay 10;black clay 54;mixed sand gravel 93;gravel black shale 10;black clay soft shale 135;black shale 136.
Con IX " 24	R.Johnston	L.Rawson	Nov.27,1954	4½	12	30	8	Fresh	D	Top soil 2;blue clay 39;hardpan 40;black shale 50.
Con X " 20	School S.#17	W.King	Oct.11,1954	4	1½	60	17	"	D	Loam 2;hard clay 14;blue clay 82;black shale 99.
Con XI " 3	S.McGregor	L.Rawson	Aug.13,1953	4	1½	60	17	"	D	Loam 2;heavy yellow clay 16;blue clay 112;brown shale 123;grey limestone 143.Dry.
Con XI " 7	C.Peer	W.King	Aug.25,1953	4	10	48½	48	Fresh	D	Top soil 2;hard clay 12;blue clay 83;black shale 94.Dry hole.
Con XI " 10	J.Turner	L.Rawson	Jul.24,1953	4	12	48	48	"	D	Loam dark clay 2;heavy yellow clay 14;blue clay 98;black gravel 102;grey limestone 108.
Con XI " 10	G.Leaver	L.Rawson	Jun.23,1954	4	12	48	48	"	D	Clay loam 2;heavy clay 16;blue clay 90;hardpan 96;grey limestone 102.
Con XII " 13	P.Kedwell	"	Sep.12,1953	4	1	10	10	"	D	Dark clay 2;heavy yellow clay 8;gravel 12;heavy yellow clay 25;blue clay 102;black shale 115;grey limestone 138.
Con XIII " 12	A.Squires	"	Aug. 5,1954	4	12	30	6	"	D,S	Clay loam 2;heavy clay 14;blue clay 102;rock 134.Dry hole.
Con XIII " 15	"	"	Aug.11,1954	4	12	30	6	"	D,S	Clay loam 2;heavy clay 14;blue clay 80;hardpan 53;black shale 90;grey limestone 104.
Con XIII " 24	R.Colter	W.King	Oct. 6,1954	7	1	50	20	"	D,S	Loam 1;hard clay 12;blue clay 62;gravel hardpan 63;shale 70.
Euphemia Twp.										
Con I lot 16	Florence Fair Board.	R.McGaffey	Sep.23,1953	5½	8	27	27	Fresh	P	Top soil 3;clay 42;hardpan 45;gravel 46;black shale 52.
Con I " 16	S.Smith	R.Lather	Jul. 8,1954	4	4½	37	35	"	D	Sand 2;grey clay 39;till 41;shale 55.
Con I " 16	K.Price	"	Jul.10,1954	4	5	36	34	"	D	Sand 6;grey clay 40;till 44;shale 54.
Con I " 20	J.Maynard	W.J.George	Jun.24,1953	5	4	31	17	"	D,S	Loamy soil 4;yellow sand 10;grey clay pebbles 48;sand 49;gravel 51.
Con III " 17	T.W.Lunn	"	Jul. 3,1953	4½	13	16	9	"	D,S	Red sand 4;soft grey clay 40;gravel 46.
Con III " 18	M.Maynard	"	Jun.26,1953	5	5	19	12	"	D,S	Clay 48;black shale 50.
Con III " 19	School S.#4	"	Oct.13,1954	6	2	19	16	"	D,S	Sand 6;clay 41;quicksand 19;pebbles 51;limestone 53.
Con III " 28	H.McGafe	E.R.McGaffey	Sep.16,1953	4	7	19	19	Sulphur	D,S	Yellow clay 21;blue clay 34;hardpan 44;black shale 45.
Con IV " 21	W & H Davis	"	Dec. 4,1953	4	1	14	14	Fresh	D,S	Yellow clay 5;blue clay 32;silt 42;hardpan 50;broken shale 59;blue shale 61;black and blue shale 92;black shale 135;rock 142.
Con IV " 22	"	"	Nov.20,1953	4				"		Grey sand 6;blue clay 15;silt 43;hardpan 58;blue and black shale 72. Dry hole.
Con IV " 22	"	"	Nov.24,1953	4				"		Grey sand 4;blue clay 13;silt 44;hardpan 58;blue and black shale 61. Dry hole.
Con V " 19	H.Smith	E.R.McGaffey	Oct.18,1953	4				"		Red sand 6;blue clay 58;hardpan 75;hard grey-blue rock 97. Dry hole.
Con V " 19	"	"	Oct.21,1953	4	2	12	12	Fresh	D,S	Red sand 6;blue clay 44;hardpan 65;hard grey-blue rock 75.
Con V " 21	A.Willich	"	Jul.29,1954	4½	5	10	10	"	D,S	Yellow clay 5;blue clay 46;hardpan 63;rock 65.
Con V " 30	A.Brennon	"	Jan.28,1954	5	1½	24	24	"	D,S	Yellow clay 12;blue clay 42;hardpan 47;black shale 63.
Con V " 30	"	"	Jan.30,1954	5	1	22	16	"	D,S	Yellow clay 9;blue clay 34;hardpan 44;black shale 62.
Con VI " 26	W.Munroe	R.Lather	Apr.16,1954	4	5	1	8	"	D,S	Sand 14;quicksand 5;grey sand 63;black sand 64;black shale 70.
Con VIII " 16	J.Stuart	E.R.McGaffey	Oct.13,1953	4	1			"		Red sand 22;blue clay 74;fine gravel 75;hardpan 88;fine gravel 89;rock 90. Abandoned.
Con VIII " 16	"	"	Oct.16,1953	4	1	10	10	"	S	Red sand 22;blue clay 75;fine sand 76;hardpan 79;white hardpan 88;rock 95.

LAMBTON COUNTY-cont.

Euphemia Twp. cont.

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1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAKETON COUNTY-cont. Moore Twp. cont. PC lot 53	R. Carpenter	W. King	Sep. 10, 1953	4			60	Fresh	D	Loam 2; hard clay 12; blue clay 150; hardpan 155; sand 157; black shale 190. Abandoned.
PC " 53	"	A. MacPherson/Son	Oct. 9, 1953	2	2 1/2	100	60	"	D	Blue clay 60; sand 63; blue clay 153; fine sand 157.
Plympton Twp. Con II lot 3	J. K. Isaac	L. Rawson	Mar. 10, 1954	4						Clay loam 2; yellow clay 15; blue clay 140; gravel shale 149; limestone 168. Dry hole.
Con II " 3	"	"	Mar. 24, 1954	4	14	60	17	Fresh	D, S	Clay loam 2; yellow clay 15; blue clay 145; hardpan 149; gray limestone 163.
Con III " 15	S. Evans	H. Brandon & Sons	Dec. 22, 1954	4	6	15	14	"	D	Previously drilled 118; black shale 156.
Con III " 16	Christian	L. Rawson	Apr. 2, 1954	4	10	52	52	"	D	Red clay 3; quicksand 8; heavy yellow clay 16; blue clay 124; hardpan 124; black shale 130.
Con IV " 1	S. R. Allen	"	Oct. 25, 1954	4	12	12	4	"	D	Top soil 2; yellow clay 15; blue clay 118; hardpan 122; grey limestone 122.
Con IV " 8	D. Scott	"	Oct. 7, 1953							Clay loam 2; yellow clay 15; blue clay 120; black shale 130. Dry hole.
Con IV " 16	J. McCormick	"	Oct. 30, 1953	4 1/2	10	55	23	Fresh	D	Gravel 15; blue clay 120; black shale 123.
Con IV " 21	B. Forbes	"	Jun. 5, 1953	4	10	30	25	"	D, S	Clay loam 2; heavy yellow clay 18; blue clay 74; black gravel 100.
Con IV " 23	A. Maclean	"	Nov. 16, 1954	4	12	30	19	"	D	Old well 5; blue clay 11; black sand gravel 146; soapstone 130.
Con V " 25	R. Manielly	P. Rendle	Sep. 25, 1953	4	3	60	50	"	D	Clay 120; gravel 122; shale 125.
Con V " 29	J. Grieve	A. Heal	May 22, 1954	4	2	95	70	"	D	Top soil yellow clay 14; blue clay 38; sandy blue clay 42; blue clay 95; soft dark clay 90; black shale 95. Abandoned.
Con V " 29	"	"	May 26, 1954	4	1	97	50	"	D	Top soil yellow clay 14; blue clay 33; sandy blue clay 42; blue clay 85; soft dark-blue clay 90; black shale rock 97. Abandoned.
Con V " 29	"	"	May 28, 1954	4	2 1/2	88	38	Fresh	D, S	Top soil yellow clay 14; blue clay 38; sandy blue clay 40; blue clay 40; blue clay 82; hardpan gravel 83; hardpan soft sandy clay 84; black fine sand 87; black gravel 89; dark sandy clay 90.
Con VI " 14	J. King	P. Rendle	Sep. 10, 1953	4	3 1/2	50	40	Fresh	D, S	Clay 75; gravel 80.
Con VI " 26	E. Dodge	A. Heal	Oct. 26, 1953	4	5	45	30	"	D	Top soil yellow clay 14; blue clay 112; hardpan sand gravel 114; black shale rock 115.
Con VII " 19	M. Scott	A. Heal	Jun. 27, 1953	5	5	19	18 1/2	"	D, S	Top soil yellow clay 14; blue clay 50; hard blue clay 70; soft blue clay 81; hardpan 84; black shale 88.
Con VIII " 6	Marine Radio Range Stn.	"	Jan. 20, 1954	5 1/2	1 1/2	108	10 1/2	"	P	Gravel 107; black shale 114.
Con XII " 30	Dr. J. Jay	P. Rendle	Jun. 6, 1954	4	3	60	45	"	D	Clay 100; gravel 102; shale 140.
LHF " 13	H. Reynolds	A. Heal	May 7, 1953	4	4	40	35	"	D	Clay 7; gravel 82; rock.
LHF " 24	"	"	May 9, 1953	4				"		Yellow clay 14; blue clay 80; dark clay stones 96; loose black shale dark sandy soil 98; black shale rock 118. Dry hole.
LHF " 24	"	"	May 12, 1953	4				"		Yellow clay 14; blue clay 80; dark clay stones 96; loose black shale sandy clay 98; black shale rock 111. Dry hole.
LHF " 24	"	"	May 14, 1953	4				"		Yellow clay 15; blue clay 80; dark clay stones 96; loose black shale sandy clay 98; black shale rock 112. Dry hole.
LHF " 24	"	"	May 16, 1953	4				"		Yellow clay 14; blue clay 80; dark clay stones 96; loose black shale sandy clay 98; black shale 118. Dry hole.
LHF " 24	"	"	May 19, 1953	4	1 1/2	110	44	Fresh	D	Yellow clay 14; blue clay 80; dark clay stones 96; loose black shale sandy clay 98; black shale rock 110. Abandoned.
LHF " 31	E. J. Barr	"	Jun. 8, 1953	4	1 1/2	100	52	"	D	Yellow clay 14; blue clay 80; dark clay stones 94; loose black shale sandy clay 98; black shale 118.
LHF " 38	H. H. Smith	L. Rawson	Aug. 23, 1954	4	12	58	58	"	D	Top soil yellow clay 14; blue clay 92; hardpan hard grey clay stones 98; black shale 104.

LANBTON COUNTY-cont.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
LAWSON COUNTY-cont										
Carroll Pkg. cont.										
Con VI lot 16	Abbott & Sons	H. Brandon & Sons	Sep. 24, 1954	4		23	22	Fresh	P	Red sand 17; blue clay 108; black shale 110; Dry hole.
Con VI " 17	Dutch Reform Church	"	Nov. 28, 1953	4	5					Brown sand 2; light-brown sand 96; blue clay gravel 108; black shale 109.
Con VII " 1	R. J. Campbell	L. Rawson	Feb. 23, 1953	4	6	80	17	"	D	Black clay loam 2; yellow clay 16; blue clay 125; hardpan 126; grey limestone 135.
Con VII " 6	C. Christianson	A. Heal	Aug. 20, 1953	4	6	42	26	"	D	Top soil yellow clay 14; blue clay 120; hardpan 122; limestone 123.
Con VII " 12	C. Carothers	"	Jan. 23, 1953	4	2 1/2	80	14	"	D	Top soil yellow clay 12; blue clay 97; hard dark clay stones 100; blue clay 122; hardpan 123; limestone 127; soft blue rock 127 1/2.
Con VII " 13	"	"	Sep. 29, 1953	3 3/8	3	28	17	Salt	D	Top soil yellow clay 12; blue clay 50; gravel hard blue clay 60; hard blue clay 96; dark stones hard blue clay 100; blue clay 120; hardpan 122; loose limestone 123.
Con VII " 14	P. Bendzsa	L. Rawson	Apr. 27, 1954	4	15	47	47	Fresh	P	Black muck 1; quicksand 9; yellow clay 14; blue clay 102; hardpan 105; black shale 110.
Con VII " 15	P. Sole	"	Jun. 17, 1953	4	20	14	13	"	D	Black muck 1; marl 12; very soft blue clay 110; hardpan 111; black shale 115.
Con VII " 15	A. Ellenor	"	Jun. 22, 1953	4	20	15	14	"	D	Black muck 1; marl 15; soft blue clay 112; hardpan 113; black shale 117.
Con VII " 15	A. Britton	"	Jun. 11, 1954	4	12	60	30	"	D	Black muck 1; marl 8; quicksand 40; red clay 70; quicksand 83; blue clay 105; hardpan 106; black shale 116.
Con VII " 16	T. Lemontagne	H. Brandon & Sons	Apr. 1, 1954	4	5	38	35	"	D	Top soil 2; red clay sand 17; blue clay 110; black shale 113.
Con VII " 17	V. Marks	"	Feb. 23, 1954	4	3	110	30	"		Top soil 2; red clay sand 17; blue clay 104; limestone 110; abandoned black clay 2; red clay sand 16; blue clay 107; limestone 109.
Con VII " 17	"	"	Mar. 12, 1954	4						Dry hole.
Con VII " 17	"	"	Mar. 17, 1954	4	3	60	35	Fresh	S	Black clay 2; red clay sand 17; blue clay 108; limestone 110.
Con VII " 17	A. Nooren	"	Jul. 20, 1954	4	5	27	27	"	D	Red clay 13; blue clay 96; gravel 100; blue clay 109; blue shale 115.
Con VIII " 4	J. Kyssa	L. Rawson	Jan. 22, 1953	4	8	28	20	"	D	Yellow sand 3; heavy yellow clay 14; blue clay 106; clay shale 108; black shale 114.
Con VIII " 6	R. DeBlanc	"	Feb. 12, 1953	4	10	23	18	"	D	Sandy loam 2; heavy yellow clay 14; blue clay 134; black shale 135; grey limestone 141.
Con VIII " 12	School S. #7	D. Wade	May 3, 1954	4				"		Clay 2; quicksand 6; yellow clay 30; grey clay 125; gravel 127; black shale 140. Dry hole.
Con VIII " 12	"	"	May 8, 1954	4				"		Clay 2; quicksand 6; yellow clay 70; grey clay 124; black shale 140; Dry hole.
Con VIII " 12	"	"	May 12, 1954	4				"		Clay 2; quicksand 6; yellow clay 75; grey clay 125; black shale 164. Dry hole.
Sombra Twp.										
Con V lot A	H. Innis	V. Conlon	Aug. 18, 1954	2	5	30	14	Fresh	D, S	Top soil 2; yellow sand 7; quicksand 12; hard blue clay 21; soft blue clay 14; soft grey sand 139; medium gravel 140 1/2.
Con V " 1	P. Pinnoneault	"	Mar. 12, 1954	2	8	20	14	"	D, S	Soil 2; blue clay 6; quicksand 9; blue clay 140; hardpan 142; fine black sand 153; gravel 144.
Con V " 13	F. Petranick	D. Wade	Sep. 16, 1954	3				"		Dark clay 2; sand 6; grey clay 92; sand mud 94; grey shale 108; black shale 112. Dry hole.
Con V " 13	"	"	Sep. 18, 1954	3				"		Dark clay 2; sand 6; grey clay 90; clay stones 92; grey shale 102; black shale 107; grey shale 108. Dry hole.
Con V " 13	"	"	Sep. 23, 1954	3				"		Dark clay 2; sand 12; grey clay 90; grey clay stones 93; grey shale 108; black shale 112; grey shale 160. Dry hole.
Con V " 13	"	"	Oct. 20, 1954	3				"		Clay 2; sand 10; grey clay 89; hardpan 93; grey shale 112.
Con V " 18	B. Raymond	"	Jul. 23, 1954	3	4	112	33	Fresh	D, S	Yellow clay 15; grey clay 78; grey shale 91; black shale 119. Dry hole.
Con V " 18	"	"	Jul. 29, 1954	3				"		Yellow clay 15; grey clay 70; hardpan 80; grey clay 95; black shale 106. Dry hole.

TABLET CONT.-cont.

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1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LAWTON COUNTY-cont. Warwick Twp.cont. ERN Con III lot30	W. Ayre	A. Heel	Nov. 30, 1954	4	5	23	22	Fresh	J	Fill 2; top soil yellow clay 16; blue clay 30; soft sandy blue clay 4; hard blue clay 5; hardpan 58; clean fine gravel 65. Top soil yellow clay 14; blue clay 53; loose black shale 85; hardpan 85; black shale rock 88.
ERN Con V " 7	H. Huctwith	"	Jun. 11, 1953	4	6	82	29	"	D, S	Top soil yellow clay 14; blue clay 50; hard blue clay stones 70; blue clay 83; hardpan 92; black shale 98.
ERN Con V " 7	"	"	Jul. 21, 1953	3 1/2	6		39	"	D, S	Top soil yellow clay 14; blue clay 50; hard blue clay stones 70; blue clay 83; hardpan 92; black shale 98.
ERN Con V " 19	Z. Hair	"	Dec. 12, 1953	6 1/2	15	24	20	"	D	Top soil yellow clay 14; blue clay 50; hard blue clay 42; sand streaks blue clay 57; hardpan fine sand loose black shale gravel 61; black shale rock 113; limestone 114; limestone streaks grey shale 196; grey shale 300.
ERN Con VI " 17	Sep. School=20	"	Feb. 5, 1954	5 1/2	2 1/2	80	40	"	P	Top soil yellow clay 14; blue clay 64; hard clay stones sand 72; blue clay 94; black shale stone sand clay 93; hard blue clay 107; hardpan 112; black shale rock 120.
ERN Con VI " 19	K. McPherson	"	Feb. 9, 1954	4	3		28	"	D	Top soil yellow clay 14; blue clay 53; gravel sand 54; hard gravelly clay 58.
ERN Con VI " 20	W. Butler	P. Rendle	May 10, 1953	4	3	40	30	"	D, S	Clay 90; sand gravel 120.
ERN Con VII " 6	C. Levitt	A. Heel	Mar. 19, 1954	4	3	68	68	"	D, S	Top soil yellow clay 12; blue clay 96; hardpan 101; black shale 106
ERS Con I " 8	S. G. Cook	"	Jun. 25, 1954	4	5	20	17	"	D	Top soil yellow clay 8; sand 11; blue clay 33; hardpan black shale stones sand 40; loose black gravel 53; black shale rock 60.
ERS Con I " 10	C. Moutley	"	Mar. 23, 1953	4	3	13	9	"	D	Top soil 1; sand 4; yellow clay 12; blue clay 21; gravel 23; blue clay 35; hardpan 37; black shale rock 39.
ERS Con I " 10	W. Goldhawk	"	Apr. 1, 1953	4	1 1/2	38	9	"	D	Top soil sand yellow clay 12; sandy blue clay 30; hard blue clay 33; sandy blue clay 36; hardpan 38; black shale 40.
ERS Con I " 10	G. Fembleton	"	Apr. 7, 1953	4	1/2	40	11	"	D	Fill yellow clay sand 14; blue clay sand streaks 29; hardpan 40; black shale rock 45.
ERS Con I " 10	F. Wynne	"	Feb. 11, 1954	5 1/2	2	41	11	"	D	Top soil yellow clay 14; blue clay 33; sand 34; hardpan clay black shale 39; loose shale sand 40; black shale rock 42.
ERS Con I " 14	B. Perry	A. Heel	Dec. 8, 1954	4	2 1/2	23	8	"	D	Top soil sandy clay 12; blue clay 19; hardpan 23; black shale 31.
ERS Con IV " 6	R. Thompson	"	Jan. 12, 1953	5	5	10	6	"	D, S	Top soil 1; yellow clay 12; blue clay 35; hardpan 37; black shale rock 40.
ERS Con V " 2	Nieuwenhuisen	"	May 2, 1953	4	5	44	28	"	D, S	Top soil yellow clay 14; blue clay 45; hardpan 47; black shale 48.
ERS Con V " 21	C. E. Wallis	"	Feb. 5, 1953	3 1/2	5		38	"	D	Fill yellow clay 14; blue clay 92; hardpan 101; black shale 103.
ERS Con V " 21	Mrs. Chambers	"	Aug. 15, 1953	5	31	38 1/2	30 1/2	"	T	Top soil yellow clay 13; blue clay 92; hardpan sand gravel 92; black shale rock 98.
ERS Con V " 21	"	"	Aug. 15, 1954	8	45	45 1/2	29 1/2	"	T	Top soil yellow clay 13; blue clay 91; loose black gravel 92; black shale rock 98; shale rock 101.
ERS Con V " 30	A. Brush	"	Mar. 3, 1953	3 1/2			30	"	"	Top soil yellow clay 14; blue clay 28; sand clay streaks 60; blue clay sand streaks 106; hardpan 111; limestone 127; abandoned.
ERS Con V " 30	"	"	Mar. 31, 1953	4	1	28	15	"	D, S	Top soil yellow clay 14; blue sandy clay 28; gravel blue clay 30; sandy blue clay 32.
ERS Con VI " 22	C. King	"	Apr. 11, 1953	2 1/2	5	48	48	"	D, S	Top soil yellow clay 14; blue clay 103; hardpan 105; black shale 107
ERS Con VI " 25	Watford Public Utilities Comm	"	May 30, 1953	8	1	38	38	"	T	Top soil brownish clay 3; gravel yellow clay 15; blue clay 106; hard blue clay 104; hardpan hard blue clay black shale gravel 124; limestone streaks 131; hard limestone 135; soft limestone 137.
ERS Con VI " 25	"	"	Jun. 3, 1953	4 1/2	3		46	"	T	Top soil brown clay 4; gravel clay 12; blue clay 107; hardpan 124; limestone streak 133.
Watford	Imperial Poultry	A. Heel	Aug. 3, 1953	5 1/2	15	98	68	Fresh	In	Yellow clay 12; blue clay 70; hard blue clay 116; loose shale 116; black shale 122.
Wyoming	D. Robb	L. Rawson	May 27, 1953	4	10	46	46	Fresh	D	Clay loam 2; yellow clay 16; blue clay 119; hardpan 120; black shale 130.

LAWTON COUNTY-cont.

Wyoming	J.E. Travis	L. Rawson	Aug. 19, 1953	4	10.	46	46	Fresh	D	Dark clay loam 2; heavy clay 14; blue clay 119; hardpan 122; black shale 127; heavy yellow clay 16; blue clay 60; boulders clay 80; blue clay 115; hardpan 116; black shale 123.
Wyoming	P. Cuff	"	Feb. 9, 1954	4 1/2	10	100	30	"	D	Clay loam 2; heavy yellow clay 16; blue clay 60; boulders clay 80; blue clay 115; hardpan 116; black shale 123.
LAWARK COUNTY	W.A. Metcalfe	W.V. Nugent	Dec. 5, 1953	6	30	33	25	Fresh	D	Clay 5; limestone 100.
Bathurst Twp.	J.C. Adams	C. Dufresne	Aug. 20, 1953	2	6	4	4	"	D	Grey granite 38.
Con I	G.H. Wilson	J.E. Murphy	Aug. 6, 1953	3	69	43	43	"	D, S	Sand gravel 3; greenish granite 81.
Con II	Chaplin's	W.V. Nugent	Jul. 29, 1953	6	35	30	4	"	In	Clay loam 12; hard red granite 48; soft red granite 94.
Con II	Dairy	"	Oct. 16, 1953	6	15	21	21	"	D	Clay 5; limestone 100.
Con III	J.A. Kidd	C. Dufresne	Aug. 31, 1953	2	2	25	12	"	D	Sandy loam 7; red granite 56.
Con III	G.P. Walsh	"	Sep. 1, 1953	2	2	60	15	"	D	Gravel 3; limestone 65.
Con III	S.J. Hamilton	"	Sep. 4, 1953	2	2	30	30	"	D	Sand 4; grey granite 75.
Con III	K. Hamilton	"	Jul. 4, 1953	6 1/2	30	60	10	"	D	Grey and red granite 247.
Con III	G. Wilson	W.V. Nugent	Jul. 1, 1954	6 1/2	30	20	14	"	C	Grey granite 70.
Con III	S. Patterson	"	Jul. 4, 1953	6 1/2	35	21	21	"	C	Sandy loam 5; red granite 41.
Con III	J. Perrier	"	Dec. 3, 1954	6 1/2	25	21	16	"	C	Sandy loam 10; hard red granite 54.
Con V	T. Cameron	"	Jul. 25, 1954	6 1/2	10	31	17	"	C	Sandy loam 7; soft red granite 17; hard granite 31.
Con V	H.G. Greenley	C. Dufresne	Sep. 23, 1954	2	8	10	12	"	P	Sand 7; red and grey granite 80.
Con VIII	School	"	Oct. 27, 1953	2	5	12	12	"	P	Brown clay 2; red and grey granite 107.
Con X	R. Walroth	W.V. Nugent	Apr. 18, 1953	2	20	50	35	"	D	Sandy loam 7; shaly granite 25; red granite 70.
Con XI	E. Irwin	"	May 30, 1953	6	12	50	21	"	S	Loam soft limestone 13; white limestone 163; black granite 190; white limestone 221; black granite 228; white limestone 258.
Beckwith Twp.	G. Currie	W.V. Nugent	Mar. 29, 1954	6 1/2	50	0	Flows	Fresh	D	Hard brown sandstone 49; soft white limestone 55.
Con IV	B. Roberts	"	Apr. 7, 1953	3	35	3	Flows	"	P	Sandstone 40.
Con VII	P.C. Patterson	C. Dufresne	Jul. 30, 1953	2	5	22	17	"	C	Sand boulders 16; limestone 59.
Con IX	P. Milam	W.V. Nugent	Sep. 12, 1953	3	20	22	17	"	D	Sandy loam 5; sandstone 49.
Con IX	Ont. Dep. Hwys.	"	Sep. 8, 1953	6	30	21	9	"	P	Sand loam 4; hard sandstone 40.
Con IX	D.K. Miller	F.A. McLean & Son	Feb. 9, 1954	4	7	50	23	"	D	Sand gravel 10; hard grey limestone 22; grey limestone quartz 35; grey limestone 136 1/2.
Con X	V. Richer	W.V. Nugent	May 21, 1954	6 1/2	30	13	13	"	P	Shaly sandstone 20; hard brown sandstone 43.
Con X	P. Watkins	"	Apr. 10, 1953	6 1/2	25	21	13	"	C	Sandy loam shale 7; limestone 30.
Con X	"	"	Oct. 1, 1954	6 1/2	30	25	18	"	C	Sandy loam 2; sandy sandstone 19; hard sandstone 40.
Con X	R. Frizell	"	Jan. 6, 1953	6	2	60	23	"	D, S	Sandy loam 7; hard black granite 42; soft red granite 45; hard black granite 66.
Con XI	A. Craig	B. Phillips	Jun. 4, 1954	5	6	10	6	"	D	Clay 2; limestone 40.
Con XII	W. Code	W.V. Nugent	Nov. 22, 1954	6 1/2	20	31	22	"	D, S	Sandy loam 16; red granite 50.
Con XII	N. Leblanc	"	Jul. 8, 1953	6	45	4	4	"	D	Sandy loam 5; sandstone 24 1/2.
Carleton Place	F. Moore	W.V. Nugent	Jul. 3, 1953	6	33	22	18	Fresh	C	Shale 7; hard brown sandstone 44; soft sandstone 49.
Carleton Place	P. Blume	C. Dufresne	Oct. 22, 1953	2	3	10	10	"	C	Limestone 83.
Carleton Place	K. Wilson	W.V. Nugent	Oct. 27, 1953	6	21	20	13	"	D	Clay 2; limestone 50.
Carleton Place	A. Pickering	"	Feb. 24, 1954	6	21	5	3	"	D	Clay 2; sandstone 25.
Carleton Place	I. Risthal	"	Oct. 2, 1954	6 1/2	15	33	21	"	D	Loam 4; shale 19; sandstone 62.
Carleton Place	H. Porteous	"	Nov. 1, 1954	6 1/2	20	22	17	"	D	Loam 6; shale 22; hard sandstone 64.
Drummond Twp.	R. Couch	W.V. Nugent	Jul. 31, 1954	6 1/2	30	20	14	Fresh	D	Clay loam 6; sandstone 43.
Con II	G. Saunders	"	Jun. 11, 1953	4	14	38	23	"	D	Sandy loam 19; sandstone 44.
Con III	K. Moore	"	Nov. 13, 1953	6 1/2	30	20	16	"	D	Clay 6; sandstone 36.
Con III	A.M. Ewart	"	Oct. 8, 1953	6 1/2	30	14	14	"	D	Dug well 12; sandstone 41.
Con IV	E. Ashley	"	Nov. 25, 1953	6	22	20	20	"	D, S	Clay loam 30; sandstone 61.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- INC TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LANKARK COUNTRY-cont.										
Drummond Twp. cont.										
Con VI lot 21	J. McHughall	W. V. Nugent	Sep. 15, 1953	6	19	35	32	Fresh	D	Sandy loam 20; sandstone 69.
Con VII lot 24	W. Beck	C. Dufrene	Jul. 29, 1953	2	12	45	3	"	D	Carboniferous 4; red granite 47.
Con XI lot 20	C. S. Jackson	"	Aug. 24, 1953	2	12	45	10	"	D	Red granite 55.
Lankark	S. White	W. V. Nugent	Feb. 3, 1953	6	30	13	13	Fresh	D	Clay 32; black muck 50; sand 60; coarse gravel 63.
Lankark	J. Browning	"	Feb. 4, 1953	6 1/2	25	20	14	"	D	White sandstone 10; white limestone 24.
Lankark	L. Popping	"	Feb. 14, 1953	6	3 1/2	54	27	"	D	Sandy loam 4; soft sandy rock 9; red granite 54.
Lankark	A. Murphy	"	Mar. 30, 1953	6	28	15	12	"	D	Clay 1; white limestone 54.
Lankark	H. A. Illate	C. Goodberry	Nov. 1, 1953	6 1/2	20	60	15	"	D	Clay sand 1; granite 55; granite iron limestone 105.
Lankark	W. Hamilton	"	Nov. 16, 1953	6 1/2	5	70	38	"	D	Clay clay 1; white limestone 118.
Lankark	J. E. Paul	W. V. Nugent	Feb. 5, 1954	6	30	22	12	"	D	Sandy loam 2; soft limestone shale 10; white limestone 52.
Lankark	J. A. Strang	"	Feb. 20, 1954	6	20	20	13	"	D	White limestone 73.
Lankark	Baptist Church	C. Goodberry	Nov. 21, 1954	6 1/2	20	15	15	"	D	Red sand pebbles 15; hard grey granite 43.
Lankark Twp.										
Con III lot 7	R. Neilson	W. V. Nugent	Nov. 20, 1953	6	3	60	23	Fresh	D	Sandy loam 6; white limestone 11; white limestone 60.
Con III lot 17	J. Lalonde	"	Apr. 12, 1954	6 1/2	25	29	20	"	D	Soft sandy granite 20; red granite 50.
Con VI lot 17	A. J. McKay	A. Stanton	Apr. 19, 1954	6 1/2	20	40	27	"	D, S	Light sandy loam 17; white limestone 70.
Con X lot 25	R. Yail	"	Aug. 13, 1954	5	4	20	20	"	D	Sand 4; hard white limestone 85.
Con XII lot 2	C. Hammond	W. V. Nugent	Sep. 11, 1954	6 1/2	20	40	23	"	D	Sandy loam 6; white limestone 60.
Lavant Twp.										
Con XI lot 8	H. McKernan	W. V. Nugent	Apr. 24, 1953	6	3	32	21	Fresh	D	Clay 9; white limestone 32.
Montague Twp.										
Con I lot 19	A. C. Woods	J. E. Murphy	Oct. 18, 1953	6	2	54	40	Fresh	D	Sand shale 4; soft rock 6; hard blue limestone 69.
Con III lot 23	E. R. Porter	"	Jan. 14, 1954	5 1/2	1	84	18	"	D	Previously drilled 21; shaly blue limestone 54.
Con IV lot 28	P. H. Warren	"	Jul. 7, 1953	6	3	20	16	"	D	Sand 2; shale 3; hard sandstone 36.
Con IV lot 29	W. J. Morrison	C. V. Morrison	Jul. 7, 1953	6	8	18	15	"	D	Brown sandy loam 2; sandy limestone sandstone 38.
Con IV lot 29	A. Orr	"	Jan. 10, 1954	2	5	40	35	"	D	Soil 3; sandy limestone 15; hard sandstone 60.
Con IV lot 29	R. Schlitz	J. E. Murphy	Apr. 18, 1953	6 1/2	5	55	50	"	D	Black loam 2; shale sandstone 4; hard sandstone 68.
Con IV lot 27	R. Kimere	"	Aug. 31, 1954	6	5	12	12	"	D	Brown sand 1; brownish sandstone 70.
Con V lot 27	C. Alberty	C. V. Morrison	Aug. 3, 1953	6	4	38	10	"	D	Brown clay 1; sandy limestone 48.
Con V lot 28	H. Dupre	"	May 17, 1954	6	8	45	35	"	D	Soil 9; sandstone 84.
Con V lot 28	H. Sargent	"	Jun. 7, 1954	6	7 1/2	45	45	"	D	Soil 4; sandstone 57.
Con V lot 29	Billie Const.	J. E. Murphy	Apr. 20, 1953	5 1/2	7	50	42	"	C	Dug well 8; brown sand stone 90.
Con V lot 29	H. Bass	W. V. Nugent	Jun. 5, 1953	6	25	26	18	"	C	Sand loam shale 10; sandstone 85.
Con V lot 29	G. P. Bell	"	Sep. 26, 1953	6	1 1/2	80	71	"	D	Sand 6; sandstone 86.
Con V lot 29	A. C. Gillan	J. E. Murphy	Nov. 11, 1953	6	3	81	79	"	D	Sand 1; sandstone 87.
Con V lot 29	J. Hart	"	Mar. 19, 1954	6	4	61	41	"	D	Sand 4; sandstone 87.
Con V lot 29	A. Spooner	"	Apr. 22, 1954	6	2 1/2	60	32	"	D	Dirt 4; sandstone 74.
Con VI lot 29	J. H. Fountain	"	Sep. 9, 1954	5 1/2	4	65	58	"	D	Sand clay 3; sandstone 72.
Con VI lot 21	E. H. Attaway	"	Jul. 30, 1954	6	3	46	16	"	D	Sand shale 6; sandstone 59.
Con VII lot 27	W. J. Prescott	"	Oct. 10, 1953	6	1 1/2	83	75	"	D	Sand 8; sandstone 90.
Con VIII lot 28	A. Burse	"	Jun. 16, 1954	6	12	14	14	"	D	Soil 11; sandstone 37.
Con VIII lot 29	J. Cobalt	C. V. Morrison	Jul. 15, 1954	6	8	10	10	"	D	Soil 7; sandstone 36.
North Burgess Twp.										
Con IV lot 19	N. McGlade	J. E. Murphy	Aug. 20, 1953	6	1	65	17	Fresh	D	Granite 67.
Con V lot 21	P. A. Conway	"	Jul. 15, 1953	6	3	35	9	"	D	Clay 4; granite 30; black rock 50.
Con V lot 27	School S#8	"	Jul. 18, 1953	6	1 1/2	50	33	"	D	Dirt 3; white limestone 64.
Con VI lot 26	W. J. Merhley	"	Jul. 23, 1953	6	7	20	15	"	D	Rotten granite 20; graphite 30; white limestone 37.
Con IX lot 17	J. Ellis	C. A. McCarthy	Jun. 23, 1954	6	10	41	40	"	D	Earth 3; limestone 53; sandstone 58.

LANARK COUNTY-cont.

Locality	Section	Stratigraphic Column	Notes
North Elmley Twp.			
Con V lot 1	M. Stokan	6	Dec. 12, 1953
Con V lot 2	C.A. McCarthy	6	Apr. 15, 1954
Con VI lot 3	R. McLean	6	May 4, 1953
Con VI lot 4	W.V. Nugent	6	Apr. 17, 1954
Con VI lot 5	C. Goodberry	6	Apr. 23, 1954
Con VI lot 6	H. Dossel	6	Apr. 23, 1954
Con VI lot 7	H. Dossel	6	Apr. 23, 1954
Con VI lot 8	H. Dossel	6	Apr. 23, 1954
Con VI lot 9	H. Dossel	6	Apr. 23, 1954
Con VI lot 10	H. Dossel	6	Apr. 23, 1954
Con VI lot 11	H. Dossel	6	Apr. 23, 1954
Con VI lot 12	H. Dossel	6	Apr. 23, 1954
Con VI lot 13	H. Dossel	6	Apr. 23, 1954
Con VI lot 14	H. Dossel	6	Apr. 23, 1954
Con VI lot 15	H. Dossel	6	Apr. 23, 1954
Con VI lot 16	H. Dossel	6	Apr. 23, 1954
Con VI lot 17	H. Dossel	6	Apr. 23, 1954
Con VI lot 18	H. Dossel	6	Apr. 23, 1954
Con VI lot 19	H. Dossel	6	Apr. 23, 1954
Con VI lot 20	H. Dossel	6	Apr. 23, 1954
Con VI lot 21	H. Dossel	6	Apr. 23, 1954
Con VI lot 22	H. Dossel	6	Apr. 23, 1954
Con VI lot 23	H. Dossel	6	Apr. 23, 1954
Con VI lot 24	H. Dossel	6	Apr. 23, 1954
Con VI lot 25	H. Dossel	6	Apr. 23, 1954
Con VI lot 26	H. Dossel	6	Apr. 23, 1954
Con VI lot 27	H. Dossel	6	Apr. 23, 1954
Con VI lot 28	H. Dossel	6	Apr. 23, 1954
Con VI lot 29	H. Dossel	6	Apr. 23, 1954
Con VI lot 30	H. Dossel	6	Apr. 23, 1954
Con VI lot 31	H. Dossel	6	Apr. 23, 1954
Con VI lot 32	H. Dossel	6	Apr. 23, 1954
Con VI lot 33	H. Dossel	6	Apr. 23, 1954
Con VI lot 34	H. Dossel	6	Apr. 23, 1954
Con VI lot 35	H. Dossel	6	Apr. 23, 1954
Con VI lot 36	H. Dossel	6	Apr. 23, 1954
Con VI lot 37	H. Dossel	6	Apr. 23, 1954
Con VI lot 38	H. Dossel	6	Apr. 23, 1954
Con VI lot 39	H. Dossel	6	Apr. 23, 1954
Con VI lot 40	H. Dossel	6	Apr. 23, 1954
Con VI lot 41	H. Dossel	6	Apr. 23, 1954
Con VI lot 42	H. Dossel	6	Apr. 23, 1954
Con VI lot 43	H. Dossel	6	Apr. 23, 1954
Con VI lot 44	H. Dossel	6	Apr. 23, 1954
Con VI lot 45	H. Dossel	6	Apr. 23, 1954
Con VI lot 46	H. Dossel	6	Apr. 23, 1954
Con VI lot 47	H. Dossel	6	Apr. 23, 1954
Con VI lot 48	H. Dossel	6	Apr. 23, 1954
Con VI lot 49	H. Dossel	6	Apr. 23, 1954
Con VI lot 50	H. Dossel	6	Apr. 23, 1954
Con VI lot 51	H. Dossel	6	Apr. 23, 1954
Con VI lot 52	H. Dossel	6	Apr. 23, 1954
Con VI lot 53	H. Dossel	6	Apr. 23, 1954
Con VI lot 54	H. Dossel	6	Apr. 23, 1954
Con VI lot 55	H. Dossel	6	Apr. 23, 1954
Con VI lot 56	H. Dossel	6	Apr. 23, 1954
Con VI lot 57	H. Dossel	6	Apr. 23, 1954
Con VI lot 58	H. Dossel	6	Apr. 23, 1954
Con VI lot 59	H. Dossel	6	Apr. 23, 1954
Con VI lot 60	H. Dossel	6	Apr. 23, 1954
Con VI lot 61	H. Dossel	6	Apr. 23, 1954
Con VI lot 62	H. Dossel	6	Apr. 23, 1954
Con VI lot 63	H. Dossel	6	Apr. 23, 1954
Con VI lot 64	H. Dossel	6	Apr. 23, 1954
Con VI lot 65	H. Dossel	6	Apr. 23, 1954
Con VI lot 66	H. Dossel	6	Apr. 23, 1954
Con VI lot 67	H. Dossel	6	Apr. 23, 1954
Con VI lot 68	H. Dossel	6	Apr. 23, 1954
Con VI lot 69	H. Dossel	6	Apr. 23, 1954
Con VI lot 70	H. Dossel	6	Apr. 23, 1954
Con VI lot 71	H. Dossel	6	Apr. 23, 1954
Con VI lot 72	H. Dossel	6	Apr. 23, 1954
Con VI lot 73	H. Dossel	6	Apr. 23, 1954
Con VI lot 74	H. Dossel	6	Apr. 23, 1954
Con VI lot 75	H. Dossel	6	Apr. 23, 1954
Con VI lot 76	H. Dossel	6	Apr. 23, 1954
Con VI lot 77	H. Dossel	6	Apr. 23, 1954
Con VI lot 78	H. Dossel	6	Apr. 23, 1954
Con VI lot 79	H. Dossel	6	Apr. 23, 1954
Con VI lot 80	H. Dossel	6	Apr. 23, 1954
Con VI lot 81	H. Dossel	6	Apr. 23, 1954
Con VI lot 82	H. Dossel	6	Apr. 23, 1954
Con VI lot 83	H. Dossel	6	Apr. 23, 1954
Con VI lot 84	H. Dossel	6	Apr. 23, 1954

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. - METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY										
Atrens	D.W. Wilson	C.K. Morrison	Apr. 14, 1953	4	5	10	4	Fresh	D	Gravel 17; sandstone 104.
Atrens	A.J. Smith	C.A. McCarthy	Jul. 17, 1954	6	15	12	12	"	D	Earth 1; limestone 36.
Atrens	W. J. Smith	C.K. Morrison	Feb. 20, 1954	6	15	12	11	"	D	Earth 16; hard limestone 47; sandstone 67.
Atrens	E. J. Smith	C.K. Morrison	May 5, 1954	6	5	23	Plows	"	D	Clay 10; sandstone 60.
Atrens	E. J. Smith	C.A. McCarthy	Jul. 22, 1954	6	5	23	13	"	D	Sandstone 59.
Atrens	G. V. Little	C.K. Morrison	Jul. 31, 1954	6	10	32	17	"	D	Previously dug 16; white sandstone 66.
Atrens	R. Earl	C.A. McCarthy	Sep. 25, 1954	6	10	41	41	"	D	Dug well 10; hard sandstone 50; soft sandstone 56.
Bastard Twp.										
Con I	W.J. Murphy	J.E. Murphy	Oct. 15, 1953	6	10	15	15	Fresh	D	Gravelly soil 5; soft blue limestone 45.
Con II	C.A. McCarthy	C.A. McCarthy	Apr. 25, 1953	6	10	15	13	"	D	Sandstone 39.
Con II	C.H. Welons	"	May 25, 1953	6	10	15	15	"	D	Sandy clay 27; limestone and sandstone mixed 65.
Con II	D. McCabe	"	Sep. 23, 1953	6	10	10	10	"	D	Earth 2; soft sandstone 21.
Con II	S.K. McBride	"	Sep. 2, 1954	6	10	12	12	"	D	Dug well 9; limestone 30; hard sandstone 70; soft sandstone 130.
Con II										
Con II	J. Stevens	"	Oct. 15, 1954	6	10	8	6	Fresh	D	Dry hole.
Con II	S. S. Scovell	"	May 2, 1953	6	10	11	Plows	"	D	Earth 11; sandstone 25.
Con II	Vanluven	"	Aug. 7, 1953	6	10	7	7	"	D	Sandy clay 26; limestone 63.
Con II	G. Hull	"	Nov. 17, 1954	5	15	16	11	"	D	Earth boulders 23; red sandstone 48.
Con II	R. G. Hall	"	Nov. 12, 1953	5	10	12	12	"	D	Earth 24; limestone 47.
Con II										
Con II	R. Graham	"	Sep. 22, 1953	6	5	40	40	"	D	Dug well 3; blue clay 43; sandstone limestone layers 71.
Con II	W. Meyers	"	Oct. 15, 1954	6	10	19	15	"	D	Loose rock 3; hard limestone 70; sandstone 72.
Con II	S. Hanna	"	Jul. 9, 1954	6	10	40	38	"	D	Earth 27; sandstone 51.
Con II	A. Wood	"	May 26, 1953	6	10	10	10	"	D	Earth 3; limestone mixed with sandstone 54.
Con II	E. Bolton	"	Aug. 13, 1953	6	10	10	10	"	D	Sandy loam 10; sandy sandstone 25.
Con II	E. Jones	"	Aug. 28, 1953	6	10	10	10	"	D	Previously dug and drilled 19; white sandstone 36.
Con II	R. Howell	"	May 13, 1954	6	10	18	18	"	D	Earth 8; sandstone 25.
Con II	" Perrin	"	May 15, 1954	6	10	19	19	"	D	Clay loam 14; sandstone 36.
Con II	K. McVean	"	Oct. 11, 1954	6	10	14	12	"	D	Clay loam 10; sandstone 45.
Con IV	E. Herriman	"	Jul. 25, 1953	6	10	15	15	"	D	Earth 10; sandstone 27.
Con V	T. Badore	"	Aug. 12, 1954	6	10	28	26	"	D	Previously dug and drilled 26; sandstone 44.
Con VII	A. Wellows	"	Oct. 29, 1953	6	5	36	34	"	D	Dug well 4; creamed 34; sandstone limestone 41.
Con VIII	B. Wellows	C.A. McCarthy	Sep. 16, 1954	6	10	3	3	"	D	Sand 42; limestone 55.
Con IX	C. Sawyer	"	Jun. 10, 1954	6	20	7	7	"	D	Earth 6; sandy cracked rock 12; hard grey limestone 60; sandstone 73.
Con IX	H. Russell	"	Oct. 6, 1954	6	10	8	5	"	D	Dug well 12; limestone 42; sandstone 47.
Con IX	"	"	Nov. 10, 1954	5	15	7	5	"	D	Earth 3; hard sandstone 20.
Con IX	"	"	Nov. 18, 1954	5	15	15	11	"	D	Clay 1; limestone 25.
Brockville										
Brockville	P. Purzilson	R. Kenny	Oct. 28, 1954	6	17	6	6	Fresh	D	Loose limestone 10; limestone 46.
Brockville	C. Piesket	"	Nov. 12, 1954	6	10	5	2	"	D	Loam 5; sandstone 53.
Elizabethtown Twp.										
Con I	D. Lewis	G.V. Little	Sep. 4, 1953	5	7	23	10	Fresh	D	Clay 3; grey sandstone 40.
Con I	W. Shannon	"	Oct. 17, 1953	6	7	60	42	"	D	Sandy loam 27; coarse grey sandstone 40.
Con I	J.S. Vincent	T.L. Davis	Aug. 19, 1954	5	8	34	32	"	D	Clay loam 4; gravelly harpan 30; grey limestone 70.
Con I	School	Plant Bros.	Aug. 30, 1953	5	13	14	12	"	P	Dug well 3; white sandstone 96.
Con I	Regent Refining	C.K. Morrison	Jul. 3, 1954	5	13	14	14	"	P	Sand 1; hard grey limestone 54.
Con I	G. Clarke	"	Jul. 1, 1954	5	13	28	23	"	C	Limestone 20; sandstone 90.
Con I	R.L. Price	G.V. Little	Oct. 12, 1954	6	8	40	38	"	C	Clay 10; sandstone 62.
Con I	J.F. Dorney	C.V. Morrison	Jun. 23, 1953	6	8	40	40	"	P	Clay loam 5; grey limestone 15; grey sandstone 60.
Con I	P. Haggarty	R. Kenny	Sep. 10, 1953	5	7	40	40	"	P	Soil 10; hard sandstone 60.
Con I	W. Livingston	G.V. Little	Dec. 29, 1953	5	7	48	40	"	D	Clay 2; sandstone 51.
Con I	K. Corbett	"	May 20, 1953	5	10	40	21	"	D	Gravel fill 2; brown and grey sandstone 60.
Con I	"	"	"	5	10	40	21	"	D	Gravelly loam 4; grey sandstone 48.

LEADS COUNTY-CONT.

Elizabethtown Twp. cont.

Loc.	Driller	Date	Depth	Remarks	Notes
Con I	J. Elsh	Jun. 5, 1933	5 1/2	Plant Bros.	Sand loam 2; hard limestone 43.
Con I	C.V. Morrison	Jul. 1, 1933	5 1/2	Plant Bros.	Sandstone 79.
Con I	Plant Bros.	May 14, 1933	7	Plant Bros.	Sand loam 7; granite 42.
Con I	S. Ryan	Nov. 21, 1933	3 1/2	C.V. Morrison	Previously drilled 76; sandstone 120.
Con I	C.V. Morrison	Nov. 16, 1934	6	A. Kenny	Clay 6; sandstone 47.
Con I	Plant Bros.	Nov. 18, 1933	3	Plant Bros.	Clay gravel 20; limestone granite 50.
Con I	J. McGinnis	Apr. 11, 1933	7	Plant Bros.	Sand loam 2; limestone granite 36.
Con I	L. Williams	Apr. 11, 1933	7	Plant Bros.	Clay 6; sandstone 38.
Con I	Ried Burns	Jul. 14, 1933	5	Plant Bros.	Clay 6; sandstone 47.
Con I	L. Brown	Jul. 28, 1933	5	Plant Bros.	Clay gravel 12; sandstone 47.
Con I	C. Hissman	Sep. 27, 1933	8	Plant Bros.	Clay loam 7; gravelly hardpan boulders 27; abandoned.
Con I	G.V. Little	Oct. 2, 1934	6 1/2	Plant Bros.	Clay loam 7; gravelly hardpan boulders 46; coarse grey sandstone 60.
Con I	H. Davis	Jul. 31, 1934	5	Plant Bros.	Previously drilled 104; sandstone 198.
Con I	C.V. Morrison	Dec. 23, 1934	5	Plant Bros.	Soil 7; sandstone 56.
Con I	T.L. Davis	Dec. 1, 1933	8	Plant Bros.	Wall hardpan 29; sandstone 62.
Con I	C.V. Morrison	Aug. 15, 1933	12 1/2	Plant Bros.	Granite 55.
Con I	G.V. Little	Jan. 30, 1934	1 1/2	Plant Bros.	Clay loam 19; grey and red granite 45.
Con I	C.V. Morrison	Feb. 10, 1934	6	Plant Bros.	Clay 7; hardpan 28; crystallized granite 60.
Con I	R. Banko	Apr. 30, 1933	1	Plant Bros.	Soil 24; hard grey granite 90.
Con I	H. Bapp	Jun. 30, 1934	5	Plant Bros.	Granite 101.
Con I	C.V. Morrison	Sep. 23, 1934	4	Plant Bros.	Soil 12; red granite 88.
Con I	C.V. Morrison	Aug. 22, 1933	5	Plant Bros.	Till 8; red granite 28; sandstone 45.
Con I	J.M. Johnston	Aug. 21, 1934	6	Plant Bros.	Soil 1; limestone 50. Dry hole.
Con I	C.V. Morrison	Oct. 1, 1933	6 1/2	Plant Bros.	Sand 20; sandstone 72.
Con I	C.V. Morrison	Feb. 9, 1934	5	Plant Bros.	Sandstone 77.
Con I	A. Herbert	Jun. 1, 1933	5	Plant Bros.	Sandstone 55.
Con I	R. Saver	Feb. 25, 1934	5 1/2	Plant Bros.	Till 8; shaly sandstone 17; grey sandstone 54.
Con I	K. Donnelly	Nov. 10, 1934	6	Plant Bros.	Clay 10; sandstone 40.
Con I	C. Publow	Nov. 10, 1934	6	Plant Bros.	Clay 16; limestone 31; granite 67.
Con I	C. Wieg	Sep. 18, 1933	5 1/2	Plant Bros.	Sandy soil 2; limestone 43.
Con I	W.F. Leeder	Oct. 9, 1933	3 1/2	Plant Bros.	Previously drilled 30; sandstone 53.
Con I	W.G. Munro	Feb. 24, 1933	6	Plant Bros.	Clay loam 2; grey limestone 50; grey and black granite 139.
Con I	J. Duncan	Sep. 15, 1933	6	Plant Bros.	Soil 2; hard sandstone 60.
Con I	C.V. Morrison	Mar. 19, 1934	5 1/2	Plant Bros.	Soil 2; sandstone 53.
Con I	C.V. Morrison	Mar. 19, 1934	5 1/2	Plant Bros.	Soil 2; sandstone 53.
Con I	G.V. Little	Aug. 12, 1934	6 1/2	Plant Bros.	Clay loam 4; grey limestone 15; grey sandstone 40.
Con I	C.V. Morrison	Feb. 10, 1933	6	Plant Bros.	Previously drilled 30; dark grey sandstone 52.
Con I	C.V. Morrison	May 10, 1934	5	Plant Bros.	Sandy limestone 30; hard sandstone 63.
Con I	C.V. Morrison	May 22, 1934	5	Plant Bros.	Sandstone 76.
Con I	B.A. Oil Co.	Jun. 29, 1934	13	Plant Bros.	Dug well 46; sandstone 75.
Con I	Duch Church	Oct. 25, 1934	17	Plant Bros.	Clay boulders 24; granite 102.
Con I	J. Forrester	Oct. 25, 1934	3	Plant Bros.	Clay loam 10; granite 50.
Con I	L. Coveow	Jun. 8, 1933	5 1/2	Plant Bros.	Soil 3; sandstone 47.
Con I	E. Newton	Jul. 24, 1933	5	Plant Bros.	Previously drilled 40; hard sandstone 60.
Con I	H.A. Stewart	Oct. 8, 1933	6 1/2	Plant Bros.	Sandstone 80.
Con I	G.V. Little	Aug. 17, 1934	6 1/2	Plant Bros.	Previously drilled 32; dark-grey sandstone 60.
Con I	H. Eyles	Oct. 3, 1933	6	Plant Bros.	Soil 1; sandy limestone 12; hard sandstone 57.
Con I	C.V. Morrison	Oct. 16, 1934	5 1/2	Plant Bros.	Sand 3; limestone 41.
Con I	H. Davis	Aug. 5, 1933	5	Plant Bros.	Sand 3; limestone 41.
Con I	C. Perry	Aug. 13, 1933	5	Plant Bros.	Sand 2; limestone 32; sandstone 58.
Con I	Vander Velt	Aug. 23, 1933	6	Plant Bros.	Sand 2; limestone 32; sandstone 52.
Con I	A. Henderson	May 26, 1933	5	Plant Bros.	Previously drilled 60; hard sandstone 80.
Con I	D. Metcalfe	Sep. 10, 1934	5	Plant Bros.	Clay boulders 34; grey limestone 54; quartz and limestone 68.
Con I	H. Stymes	Oct. 26, 1933	6	Plant Bros.	Clay 2; limestone 36.
Con I	A.J. Bangma	Oct. 2, 1933	7	Plant Bros.	Clay 2; limestone 36.
Con I	A. Morrison	Jan. 9, 1934	6	Plant Bros.	Clay loam 0; grey limestone 40.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY-cont., Elizabethtown twp.										
Cont. II	lot 7									
Con II	C. Blockland	H. Davis	Mar. 4, 1954	6	5	9	8	Fresh	D	Clay 13; limestone 36.
Con II	J. Huechel	G.V. Little	Sep. 11, 1953	6	17	26	16	"	D	Dug well 14; light-grey sandstone 40.
Con II	R. Hamilton	C.V. Morrison	Oct. 11, 1954	6	17	47	47	"	D	Soil 47; sandstone 81.
Con II	E. Lapointe	"	Jun. 2, 1953	6	17	30	22	"	D	Soil 1; sandstone 47.
Con II	M. Williamson	"	Jun. 30, 1953	6	32	32	22	"	D	Soil 2; hard sandstone 55.
Con II	G. Anderson	C.K. Morrison	Oct. 27, 1953	5	8	15	12	"	D	Clay hardpan 27; sandstone 55.
Con II	T. Lapierre	"	Nov. 3, 1953	5	8	15	12	"	D	Clay hardpan 26; sandstone 54.
Con II	J. Hanlon	R.H. Casselman	May 3, 1954	5	17	12	Flows	"	D	Top soil 3; till hardpan 6; broken sandstone 18; solid sandstone 44.
Con II	P. Johnson	C.V. Morrison	May 3, 1954	6	8	35	33	"	D	Soil 3; sandstone 67.
Con II	L.S. Kirkby	R.H. Casselman	Jun. 21, 1954	5	7	25	39	"	D	Top soil 1; hardpan 2; sandstone 42.
Con II	S. Irvine	G.V. Little	Apr. 29, 1953	5	13	25	1	"	D	Clay loam 2; grey limestone 20; yellowish limestone 42; grey sandstone 50.
Con II	Salvation Army	C.V. Morrison	Jul. 8, 1953	6	7	30	15	"	P	Soil 13; hard sandstone 45.
Con II	M. Summers	R.H. Casselman	Sep. 24, 1953	6	17	14	4	"	D	Top soil 6; till 8; sandstone 75.
Con II	C. Kelly	G.V. Little	Feb. 22, 1954	6	7	14	4	"	D	Clay 4; hardpan 11; grey sandstone 30.
Con II	E. Belmont	"	Mar. 1, 1954	6	7 1/2	20	2	"	D	Clay 4; hardpan 10; grey sandstone 30.
Con II	Salvation Army	C.V. Morrison	Mar. 6, 1954	6	8	25	15	"	P	Soil 15; sandstone 54.
Con II	A.J. Kelly	G.V. Little	Mar. 11, 1954	5 1/2	5	25	6 1/2	"	D	Sandy loam 6; hardpan 9; grey sandstone 35.
Con II	W. Coville	H. Davis	Jul. 29, 1954	5	5	15	12	"	D	Clay 13; limestone 33; sandstone 50.
Con II	Innis Motors	T.L. Davis	Nov. 1, 1954	5	5	36	14	"	D	Clay shale 8; sandstone 43.
Con II	J. Spies	G.V. Little	Nov. 30, 1953	5	5	17	13	"	D	Soil small boulders 22 1/2; hard grey sandstone 50.
Con II	J. Easter	R. Kenny	Jul. 13, 1953	6	5	22	16	"	D	Soil 2; limestone 39.
Con II	J. Cattalier	"	Jul. 17, 1953	6	5	17	15	"	D	Sand 2; limestone 40.
Con II	G. Brown	C.V. Morrison	Oct. 10, 1953	6	8	30	25	"	D	Soil 1; sandy limestone 10; hard sandstone 50.
Con II	P. Moulton	C.K. Morrison	Dec. 9, 1953	6	5	77	18	"	D	Old well 53; sandstone 77.
Con II	C. Root	C.V. Morrison	Aug. 25, 1954	6	12	45	15	"	D	Sandstone 22.
Con II	W. Burns	"	Oct. 24, 1953	6	2	45	16	"	D	Sandstone 22.
Con II	M. Hudson	"	Apr. 6, 1954	6	15	4	4	"	D	Soil 1; sandy limestone 11; sandstone 45.
Con II	D. Mott	G.V. Little	May 11, 1954	6 1/2	13	20	10	"	D	Clay 2; sandy limestone 47.
Con II	E. Simpson	H. Davis	Mar. 19, 1954	5	25	19	9	"	D	Sandy loam 22; white sandstone 48.
Con II	D. Metcalfe	Plant & Rathwell	Sep. 19, 1953	5	25	19	9	"	D	Clay 13; limestone 23; sandstone 53.
Con II	N. Worden	H. Davis	Nov. 15, 1953	5	7	18	10	"	D	Sand loam 5; limestone 51.
Con II	S. McClary	"	Dec. 8, 1953	5	5	20	13	"	D	Sand 2; limestone 39.
Con II	H. Jackson	C.V. Morrison	Apr. 14, 1954	5 1/2	6	2	2	"	D	Sand 2; limestone 39.
Con II	R. Cattellier	H. Davis	Apr. 18, 1954	6	5	10	10	"	D	Soil 3; sandy limestone 41.
Con II	A. Borloz	"	May 7, 1954	6	5	15	12	"	D	Sand 2; limestone 35.
Con II	A. Amyotte	"	Jun. 19, 1954	6	10	14	12	"	D	Sand 2; limestone 37.
Con II	S. Spicer	C.V. Morrison	Oct. 15, 1954	6	10	20	12	"	D	Sand 2; limestone 41.
Con II	G. Vanderwerf	"	Jan. 9, 1953	5 1/2	17	18	12	"	D	Soil 2; limestone 15; sandstone 60.
Con II	A. Darling	G.V. Little	Jun. 17, 1953	5	10	8	Flows	"	D	Heavy clay 16 1/2; hard grey sandstone 34.
Con II	H. Easter	C.V. Morrison	Apr. 26, 1954	5	8	12	12	"	D	Soil 1; sandy limestone 35.
Con II	K. Taylor	"	Mar. 30, 1953	5	5	45	35	"	D	Soil 1; sandy limestone 13; hard sandstone 60.
Con II	W. R. Lock	"	Nov. 15, 1953	5	7	30	18	"	D	Soil 1; limestone 15; hard sandstone 78.
Con II	L.R. Hughes	"	Jul. 20, 1953	5	7	35	30	"	D	Soil 2; limestone 15; hard sandstone 45.
Con II	E. Williamson	G.V. Little	Jun. 9, 1953	6 1/2	12	115	59	"	D	Sandy loam 6 1/2; brownish-grey limestone 75; grey sandstone 119.
Con II	F. Willows	"	May 22, 1954	6 1/2	5	30	25	"	D	Brown sandstone 35; white sandstone 71.
Con II	J. Brooks	C.V. Morrison	Aug. 28, 1953	5 1/2	3	15	25	"	D	Soil 10; sandstone 30.
Con II	W. Simpson	"	May 6, 1953	5 1/2	3	15	25	"	D	Soil 2; sandstone 30.
Con II	A. Olson	"	Aug. 22, 1953	6	7	18	10	"	D	Soil 3; sandy limestone 29.

LEEDS COUNTY-cont.

Elizabethtown Twp. cont.

Con III	lot 31	S. Andrews	May 15, 1953	6	5	15	8	Fresh	D	Soil 4; sandstone 37. Clay 24; sandstone 65. Limestone 57.
Con III	lot 31	R. Kenny	Sep. 14, 1953	6	10	24	15	"	D	Clay loam 3; grey limestone 34; grey sandstone 64.
Con IV	"	D. McReady	Jan. 16, 1954	6 1/2	10	25	18	"	D	Sand 2; limestone 54.
Con IV	"	W. Lee	Apr. 4, 1953	6 1/2	10	30	10	"	D	Soil 5; sandy limestone 15; sandstone 42.
Con IV	"	H.A. Tristram	Feb. 14, 1954	6	5	17	14	"	D	Soil 1; sandy limestone 47.
Con IV	"	S. Irwin	Sep. 19, 1953	6	2	15	15	"	D	Soil 3; limestone 64.
Con IV	"	O. Boyce	Sep. 13, 1953	6	7	15	12	"	D	Soil 1; sandstone 67.
Con IV	"	C. Herema	Dec. 2, 1953	6	8	20	20	"	D	Soil 2; limestone 52.
Con IV	"	"	Aug. 26, 1954	6	2	32	6	"	D	Clay loam 3; grey sandstone 52.
Con IV	"	"	May 10, 1954	6	7	35	15	"	D	Clay 15; limestone 78.
Con IV	"	"	Sep. 1, 1954	6 1/2	5	15	15	"	D	Dark loam 4; grey limestone 40; grey sandstone 70.
Con V	"	F. Beine	Nov. 6, 1954	6	13	40	18	"	D	Soil 13; sandy limestone 85.
Con VI	"	W. FAW Rawley	Dec. 8, 1953	6	2 1/2	70	25	"	D	Clay loam 2; grey limestone 26; grey sandstone 34.
Con VI	"	D. Landon	Dec. 10, 1953	6	5	20	10	"	D	Soil 10; limestone 65.
Con VII	"	M. Scott	Apr. 9, 1954	6 1/2	15	25	23	"	D	Soil 2; sandstone 60.
Con VII	"	J.M. Bastain	Mar. 22, 1954	5 1/2	17	15	15	"	D	Sandy loam 4; limestone becoming sandy 33.
Con VII	"	A. Hunter	Jul. 27, 1954	6	17	8	5	"	D	Clay 12; limestone 60.
Con VIII	"	"	Sep. 20, 1953	6	5	20	15	"	D, S	Sand 1; limestone 92.
Con IX	"	H. Davis	Nov. 6, 1954	5 1/2	5	40	20	"	D, S	Sand 2; limestone 71.
Con IX	"	S. Hanna	Dec. 15, 1954	5	5	36	30	"	D, S	Clay loam 3; grey limestone 25.
Con IX	"	T. Stanistreet	Jun. 29, 1953	5 1/2	13	10	10	"	P	Clay loam 6; grey limestone 52.
Con IX	"	R. Kenny	Jan. 2, 1954	5	8	30	15	"	D, S	Sand 2; blue limestone slaty rock 90.
Con X	"	G.V. Little	Aug. 5, 1954	6 1/2	5	60	12	"	D	Blue clay 8; red granite 40.
Con XI	"	"	Sep. 16, 1953	6	5	25	8	"	D, S	Granite 51.
Front of Lansdowne Twp.	lot 16	K. Beaubeau	Apr. 28, 1954	6 1/2	5	25	8	Fresh	D	Earth 2 1/2; loose sandstone 10; hard sandstone 33.
Con I	lot 16	C. Goodberry	Dec. 15, 1954	6	12	20	5	"	C	Clay 10; sandstone 39.
Con I	"	C. Griswold	Oct. 9, 1954	6	10	21	19	"	S	Surface; clay 7; grey granite 38; white sandstone 50.
Con II	"	W. Hinderson	Dec. 2, 1953	6 1/2	10	30	40	"	D	Clay 4; limestone 48.
Con II	"	I. Doak	Apr. 14, 1953	6 1/2	5	30	11	"	D	Mud 20; gravel 50; cunksand 60; sandstone 90.
Con II	"	R. McNeill	Dec. 2, 1953	6 1/2	8	30	11	"	P	Clay with pebbles 32; grey granite 72.
Con III	"	A. Everetts	Apr. 2, 1953	6 1/2	3	32	Flows	Fresh	P	Soft white sandstone 19; hard yellow and white sandstone 43.
Front of Leeds Twp.	lot 2	L.B. Gohn	Jun. 26, 1953	6 1/2	17	38	18	"	P	Loam 13; sandstone 47.
Con I	lot 2	C.B. Showler	Oct. 14, 1954	6 1/2	10	38	18	"	D, S	Clay 4; grey and red granite 49.
Con I	"	C. Goodberry	Mar. 18, 1954	6 1/2	6	30	15	"	P	Clay 10; grey granite 32.
Con I	"	W.H. Davy & Son	Jul. 12, 1954	5 1/2	10	18	3	"	P	Grey and red granite 34.
Con II	"	R. Kenny	Mar. 24, 1954	6 1/2	19	26	11	"	P	Clay 16; red and grey granite 43.
Con II	"	W.H. Davy & Son	Aug. 26, 1953	6	13	21	11	"	D, S	Fine sand boulders 50; red granite 68.
Con III	"	J.S. Watson	Aug. 30, 1954	6 1/2	23	12	14	"	D, S	Soil 14; granite 67.
Con III	"	J.M. Gates & Son	Dec. 12, 1953	6 1/2	13	60	18	"	D	Soil 11; granite 80.
Con IV	"	W.H. Davy & Son	Jun. 15, 1954	6 1/2	13	20	16	"	D	Brown earth 15; granite 52.
Con V	"	T. Marshall	Aug. 15, 1954	6	13	25	20	"	D	Soil 5; red granite 47.
Front of Yonge Twp.	lot 14	B. Lancaster	Aug. 14, 1954	6	13	20	16	Fresh	D	Soil 16; red granite 47.
BF	lot 14	W. McLaughlin	Jul. 12, 1954	6	13	25	20	"	D	Sand 3; sandstone 50.
BF	"	"	Aug. 25, 1954	6	17	30	30	"	P	Loam 4; sandstone 63.
BF	"	"	Jun. 8, 1953	6	6	20	10	"	D	Clay 8; granite 60.
Con I lot commons	"	J. Simpson	Oct. 18, 1953	5	6	14	13	"	In	Clay 7; granite 20; sandstone 76.
Con I	lot 22	P. Tennants	Feb. 4, 1954	6 1/2	3	26	26	"	D	Cinder fill 5; red granite 108.
Con I	lot 21	D. Warren	"	6 1/2	5	25	18	"	D	
Con III	"	W. Welch	"	6	17	30	30	"	D	
Con V	"	H. Small	"	6	6	20	10	"	D	
Gananoque	"	J.M. Gates	"	6	6	20	10	"	D	
Gananoque	"	P.O. Conner	"	6	5	14	13	"	D	
Gananoque	"	C. Goodberry	"	6 1/2	3	26	26	"	D	

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LEEDS COUNTY-cont.										
Kitley Twp.										
Con I lot 10	C. Hewitt	T. L. Davis	Oct. 15, 1954	5 1/2	3	Flows	Flows	Fresh	D	Soil 2; limestone 53.
Con I lot 11	C. Rabb	J. E. Murphy	Jul. 2, 1954	2 1/2	30	37	37	"	D	Sand loose shale 5; hard blue limestone 68.
Con II lot 21	C. Rabb	C. A. McCarthy	Oct. 31, 1953	5	10	25	25	"	D	Sand 3; limestone 27.
Con III lot 17	School	C. K. Morrison	Mar. 25, 1954	2 1/2	5	18	18	"	P	Limestone 50.
Con IV lot 5	D. Wallace	G. V. Little	Oct. 14, 1953	6 1/2	8	35	15	"	D	Previously drilled 33; limestone 71.
Con IX lot 8	A. Morrison	C. K. Morrison	Dec. 16, 1954	4	13	25	20	"	D	Clay loam 1; grey limestone 37; grey sandstone 50.
Con IX lot 18	G. Reynolds	G. V. Little	Jul. 12, 1954	5 1/2	13	25	20	"	D	Limestone 40.
Con IX lot 20	G. Sands	C. K. Morrison	Feb. 20, 1953	5 1/2	5	18	12	"	D	Dug well 17; grey limestone 37; grey sandstone 40.
Con IX lot 21	G. Moran	C. V. Morrison	Sep. 1, 1953	5 1/2	7	35	28	"	S	Loam 2; limestone 54.
Con IX lot 28	P. Toxopeus	G. V. Little	Sep. 15, 1954	6 1/2	7 1/2	50	17	"	S	Soil 4; limestone 85.
Con X lot 20	J. Franks	C. K. Morrison	Dec. 9, 1953	5	5	20	15	"	D	Clay loam 2; grey limestone 50; grey sandstone 80.
Newboro										
Con I lot 10	J. Weise	C. A. McCarthy	Dec. 17, 1954	6	10	20	12	Fresh	D	Loam 1; limestone 63.
North Crosby Twp.										
Con I lot 21	L. Pagan	C. A. McCarthy	Oct. 3, 1953	6	10	40	40	Fresh	D	Earth 3; loose rock 24; limestone 40.
Con II lot 5	A. Eagan	"	Aug. 8, 1953	8	1	25	10	"	P	Earth 4; limestone 57.
Con II lot 18	H. Hagan	"	Nov. 24, 1954	5 1/2	10	22	12	"	P	Dug well 15; red sandstone 25.
Con II lot 21	Sep. School	"	Oct. 2, 1953	6	10	23	23	"	S	Granite 30.
Con IV lot 1	G. Taylor	"	May 18, 1954	6	10	13	13	"	P	Earth 3; soft limestone 35.
Con IV lot 23	M. Dart	"	Aug. 17, 1954	6	10	20	20	"	D	Earth 3; sandstone 25.
Con V lot 7	L. D. Grills	"	Sep. 29, 1953	6	10	44	48	"	D	Earth 1; limestone 30; sandstone limestone 57.
Con VII lot 4	J. V. Kane	J. E. Murphy	Nov. 21, 1953	5 1/2	5	30	30	"	D	Dug well 21; hard sandstone 58.
Con VII lot 4	F. Green	"	Aug. 10, 1954	5 1/2	5	30	12	"	D	Dug well 16; red granite 55.
Con VII lot 12	H. Lynn	"	May 30, 1953	5 1/2	4	58	30	"	D	Sand 13; granite 46.
Rear of Escott Twp.										
Con X lot 24	L. Eyre	C. A. McCarthy	Feb. 2, 1954	6	7	52	52	Fresh	D	Sand 3; boulders 5; clay 8; shale limestone 11; blue limestone 65.
Con X lot 2	J. Roddick	R. Kenny	Dec. 29, 1953	6	10	16	16	"	D	Dug well 14; hard limestone 60; sandstone 70.
Con XI lot 1	M. Woods	"	May 18, 1953	5 1/2	5	13	8	"	D	Loam 11; dark-red limestone 45.
Con XI lot 6	F. McMillan	"	May 29, 1953	5 1/2	5	40	25	"	D	Clay 5; granite 65.
Con XII lot 24	W. E. Green	C. A. McCarthy	Jun. 12, 1954	6	10	43	50	"	S	Sand 1; limestone 50; sandstone 76.
Con XII lot 12	H. Holliday	"	Nov. 17, 1953	5 1/2	1	22	18	"	D	Previously drilled 24; sandstone 43.
Con XIII lot 12	B. Craig	"	Nov. 1, 1954	5 1/2	1	22	18	"	D	Sandstone 29 1/2.
Rear of Leeds Twp.										
Con VII lot 3	H. D. Clark	J. M. Gates	Mar. 26, 1953	6	10	24	16	Fresh	D	Loam 17; blue clay 34; white sandstone 85.
Con VII lot 4	G. C. Down	"	May 11, 1953	6 1/2	10	20	10	"	P	Clay 20; quicksand 30; sandstone 50.
Con VII lot 4	S. Fire	W. H. Davy & Son	Aug. 20, 1954	6 1/2	20	20	18	"	P	Sandy loam 6; white limestone 55.
Con VIII lot 3	E. Free	R. Kenny	Dec. 5, 1953	6	7	15	8	"	D	Brown clay 8; sandstone 30.
Con VIII lot 4	H. Wilkinson	W. H. Davy & Son	Jun. 18, 1954	6 1/2	20	35	28	"	D	Fine sand 43; white limestone 70.
Con VIII lot 4	K. Johnson	"	Aug. 18, 1954	6 1/2	20	10	5	"	D	Sand 6; white limestone 52.
Rear of Yonge Twp.										
Con VII lot 24	G. Hefferman	C. A. McCarthy	Jul. 26, 1954	6	10	30	30	Fresh	D	Dug well 5; whitish limestone 45; sandstone whitish limestone 53.
Con IX lot 16	R. Lang	"	Nov. 29, 1953	5 1/2	10	31	31	"	D	Old well 41; white sandy limestone 87.
Con X lot 1	H. L. Crosby	G. V. Little	Sep. 9, 1954	6 1/2	7	20	7	"	D	Clay loam 5; gravelly hardpan 10; light-grey limestone 30.
Con X lot 14	C. D. Wright	C. A. McCarthy	Jul. 17, 1954	6	10	23	22	"	D	Earth 2; sand and loam mixed 70.
South Burgess Twp.										
Con II lot 10	W. Y. Denison	C. A. McCarthy	May 29, 1953	6	3	10	10	Fresh	D	Sand clay 10; limestone 58.

LEEDS COUNTY-cont.

South Crosby Twp.		South Elmsley Twp.		Adolphustown Twp.		LENNOX and ADDINGTON COUNTY:	
Con	lot	Con	lot	Con	lot	Con	lot
Con I	7	S.C. Skoryna	1	E.V. Hamilton	19	G. Smith	19
Con II	22	E. Jones	2	J. McKenna	18	R. Whelan	18
Con II	12	Rothwell/Perrin	3	B.J. McKelly	17	G. Smith	17
Con II	12	"	4	A.C. Gisham	16	R. Whelan	16
Con II	12	O. Mustard	5	L. Sandison	15	E. Bottin	15
Con II	13	R. Kenny	6	D.M. Scott	14	E.T. Lovelace	14
Con II	13	"	7	P. Salmon	13	"	13
Con II	22	"	8	"	12	"	12
Con II	23	C.A. McCarthy	9	R. Smith	11	"	11
Con II	23	"	10	G. Weekes	10	"	10
Con II	12	"	11	O. Coveil	9	"	9
Con II	13	"	12	K.A. Mally	8	"	8
Con IV	1	J.E. Murphy	13	S. Seel	7	"	7
Con IV	2	J.E. Murphy	14	S. Seel	6	"	6
Con V	2	C.A. McCarthy	15	S. Seel	5	"	5
Con V	2	"	16	S. Seel	4	"	4
Con V	2	"	17	S. Seel	3	"	3
Con V	2	"	18	S. Seel	2	"	2
Con V	2	"	19	S. Seel	1	"	1
Con V	2	"	20	S. Seel	0	"	0
Con V	2	"	21	S. Seel	0	"	0
Con V	2	"	22	S. Seel	0	"	0
Con V	2	"	23	S. Seel	0	"	0
Con V	2	"	24	S. Seel	0	"	0
Con V	2	"	25	S. Seel	0	"	0
Con V	2	"	26	S. Seel	0	"	0
Con V	2	"	27	S. Seel	0	"	0
Con V	2	"	28	S. Seel	0	"	0
Con V	2	"	29	S. Seel	0	"	0
Con V	2	"	30	S. Seel	0	"	0
Con V	2	"	31	S. Seel	0	"	0
Con V	2	"	32	S. Seel	0	"	0
Con V	2	"	33	S. Seel	0	"	0
Con V	2	"	34	S. Seel	0	"	0
Con V	2	"	35	S. Seel	0	"	0
Con V	2	"	36	S. Seel	0	"	0
Con V	2	"	37	S. Seel	0	"	0
Con V	2	"	38	S. Seel	0	"	0
Con V	2	"	39	S. Seel	0	"	0
Con V	2	"	40	S. Seel	0	"	0
Con V	2	"	41	S. Seel	0	"	0
Con V	2	"	42	S. Seel	0	"	0
Con V	2	"	43	S. Seel	0	"	0
Con V	2	"	44	S. Seel	0	"	0
Con V	2	"	45	S. Seel	0	"	0
Con V	2	"	46	S. Seel	0	"	0
Con V	2	"	47	S. Seel	0	"	0
Con V	2	"	48	S. Seel	0	"	0
Con V	2	"	49	S. Seel	0	"	0
Con V	2	"	50	S. Seel	0	"	0
Con V	2	"	51	S. Seel	0	"	0
Con V	2	"	52	S. Seel	0	"	0
Con V	2	"	53	S. Seel	0	"	0
Con V	2	"	54	S. Seel	0	"	0
Con V	2	"	55	S. Seel	0	"	0
Con V	2	"	56	S. Seel	0	"	0
Con V	2	"	57	S. Seel	0	"	0
Con V	2	"	58	S. Seel	0	"	0
Con V	2	"	59	S. Seel	0	"	0
Con V	2	"	60	S. Seel	0		

1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LENOX and ADDINGTON COUNTY - cont.										
Adolphustown Twp. etd.										
Con II lot 19	G.R.Smith	G.H.Chalk Jr.	Feb. 27, 1954	6	15	60	25	Fresh	S	Clay 24; hardpan 32; grey limestone 50.
Con III " 21	N.Reynolds	"	Mar. 5, 1954	6	22	12	12	"	D	Boulder clay 21; grey limestone 50.
Con III " 22	R.Collins	"	Nov. 20, 1953	6	20	28	12	"	D	Clay 10; boulder clay 18; quicksand 21; limestone 50.
Con III " 31	W.Phillips	"	Jun. 21, 1954	6	20	6	6	"	D	Boulder clay 10; gravel 27.
Con V " 13	J.Miller	"	Apr. 19, 1954	6	14	45	5	"	D	Clay 4; grey limestone 45.
Con V " 17	S.Spaul	"	Sep. 4, 1953	6	5	51	12	"	D	Sand gravel 13; grey limestone 135. Dry hole.
Anglesea Twp.										
Con X lot 4	W.H.Hope	L.B.Macdonald	Jul. 23, 1954	6 1/2	2 1/2	63	32	Fresh	D	Gravel 11; grey limestone 51.
Bath	P.Clarkson	W.H.Davy & Son	Jul. 20, 1953	6 1/2		120	8	Fresh	P	Sand 10; black granite 63. Loam 13; limestone 120.
Cameron Twp.										
Con I lot 32	G.Salebury	V.N.Miller	Sep. 27, 1953	6	8	40	36	Fresh	D	Clay loam 4; grey limestone 86.
Con II " 14	W.Ebury	"	Aug. 22, 1953	6	17	21	21	"	D	Clay 2; shale 12; grey limestone 37.
Con II " 17	W.Wager	"	Mar. 17, 1953	6	10	20	21	"	S	Limestone 75.
Con II " 44	N.Garrison	W.H.Davy & Son	Mar. 27, 1954	6 1/2	10	18	15	"	D	Shale limestone 13; blue limestone 67.
Con II " 46	C.Brown	"	Mar. 27, 1954	6 1/2	10	18	15	"	D	Blue clay 4; blue limestone 45.
Con II " 46	C.Referane	V.N.Miller	Mar. 10, 1953	2 1/2	8	11	10	"	D	Earth 5; limestone 40.
Con III " 3	S.Clement	R.C.Wales	Dec. 21, 1953	6	17	20	7	"	S	Shale 8; limestone 40.
Con III " 4	E.McQuay	V.N.Miller	Jan. 19, 1954	6	12	20	9	"	S	Clay 3; grey limestone 56.
Con IV " 5	R.Thompson	G.H.Chalk Jr.	Aug. 10, 1954	6	8	141	20	Sulphur	D	Grey limestone 60.
Con IV " 14	A.M.Hunt	V.N.Miller	Oct. 15, 1953	6	8			"	S	Soil 1; hard grey limestone 141.
Con IV " 14	L.Campbell	T.E.Richmond	Oct. 20, 1953	6				"	S	Hard grey limestone 40. Dry hole.
Con IV " 14			Oct. 25, 1953	6 1/2				"	S	Shale limestone 8; soft grey limestone 70; soft blue limestone 75; soft grey limestone 108.
Con IV " 44	E.Drew	V.N.Miller	Sep. 15, 1954	6 1/2	1 1/2	108		"	P	Hardpan 27; limestone 32; heavy gravel 40.
Con V " 24	C.Flieler	T.E.Richmond	Jan. 13, 1953	6	12	15	15	Fresh	D	Red sand 8; grey limestone 36.
Con VI " 2	P.Deshane	"	Dec. 26, 1954	6	17	10	10	"	D	Loam 1; hardpan boulders 5; soft grey limestone 51. Dry hole.
Con VI " 24	J.Hughes	V.N.Miller	Aug. 15, 1953	6	5		3	"	S	Previously drilled 51; hard grey limestone 69.
Con VI " 25	H.Pringle	"	May 13, 1954	6	17	20	20	"	D	Sandy loam 22; grey limestone 40.
Con VI " 25	S.Lockridge	W.H.Davy & Son	Jun. 30, 1953	6 1/2	17	20	20	"	D	Clay 8; grey limestone 42.
Con VI " 31	H.Thompson	V.N.Miller	Jun. 30, 1954	6 1/2	20	20	20	"	D	Clay 14; blue limestone 51.
Con VII " 2	O.McInteehon	T.E.Richmond	Jan. 29, 1953	6 1/2	17	25	20	"	S	Sandy loam 18; hardpan 21; limestone 51; granite 55.
Con VII " 38	O.Penwick	L.B.Macdonald	Oct. 18, 1954	6 1/2	7 1/2	57	0	"	D	Hard grey limestone 50.
Con VII " 37	E.Wagar	"	Jan. 29, 1953	6 1/2	8	7	7	"	D	Clay boulders 12; granite 22.
Denbigh Twp.										
Con VIII lot 27	C.Hartman	V.H.Marquardt	Jan. 21, 1953	6 1/2	8	24	24	"	D	Pit 7; clay hardpan 28; limestone 50.
Con VIII " 21	Glazier's Store	"	Aug. 5, 1954	5	4	38	21	Fresh	D	Brown soil 48.
Con VIII " 22	E.Woll	"	Sep. 2, 1954	4	12	35	21	"	C	Brown soil 10; dark bedrock 192.
Effingham Twp.										
Con XIV lot 27	W.Smith	C.J.Fraser	Sep. 9, 1954	4	2	30	12	"	D	Brown soil 38 1/2.
Ernestown Twp.										
Con I lot 10	C.Morrow	W.H.Davy & Son	Jun. 26, 1953	6	10	60	20	Fresh	D	Sand 7; grey granite 60.
Con I " 14	H.Jones	V.N.Miller	Aug. 5, 1954	5 1/2						Shale 6; limestone 23. Dry hole.
Con I " 14	P.Fraser	"	Jul. 21, 1953	6			184	Salt	D	Clay loam 4; grey limestone 210.
Con I " 18			Jul. 27, 1953	6	17	35	15	Fresh	D	Clay loam 3; limestone 75.
			Oct. 22, 1953	6			30	"	D	Clay loam 8; gravel hardpan 18; hard brown limestone 44.

LENNOX and ADDINGTON COUNTY

cont. Ernestown Twp. cont.		V.N. Miller		6		17		22		22		Fresh		D	
Con I	lot 18	P. Prazer	Nov. 5, 1953	6								Fresh			Clay loam 6; hardpan gravel 16; brown limestone 37.
Con I	"	C. Riekey	Nov. 10, 1953	6								"			Clay 3; grey limestone 86. Dry hole.
Con I	"	"	Nov. 15, 1953	6		17		9		9		"			Clay 3; grey limestone 40.
Con I	"	H. Vanelstine	Nov. 22, 1953	6		17		45		45		"			Soil 4; hard grey limestone 55.
Con I	"	A. Kennedy	Dec. 8, 1953	6								Sulphur			Soil 8; hardpan 19; grey limestone 65; abandoned.
Con I	"	E. Switzer	Aug. 14, 1954	6		4		29		45		"			Clay 2; grey limestone 29.
Con I	"	J. Vanalstine	Dec. 1, 1954	8		1		40		8		Fresh			Clay 1; grey limestone 40.
Con I	"	J. Franklin	Aug. 8, 1953	6		10						"			Earth 4; shaly limestone 6; hard grey limestone 42.
Con I	"	G. Franklin	Dec. 20, 1953	6								"			Soil 2; grey limestone 20. Dry hole.
Con I	"	G. Toms	Jan. 27, 1954	6								"			Loam 5; hard grey limestone 93.
Con I	"	Ont. Hydro Elec.	Jun. 19, 1954	6		6		40		30		"			Loam 5; hard grey limestone 40.
Con I	"	C. Reilly	Jun. 16, 1954	6		10		20		10		"			Clay 3; grey limestone 60.
Con I	"	Bank/Montreal	Sep. 17, 1954	6		10		15		15		"			Clay 10; limestone 75.
Con I	"	H. Hudson	Jul. 15, 1953	6		10		15		15		"			Shale 9; limestone 53.
Con I	"	"	Jul. 9, 1953	6		10		15		15		"			Shale 14; limestone 63.
Con I	"	"	Aug. 4, 1953	6		17		20		20		"			Hard brownish-grey limestone 60.
Con I	"	R. Hartmann	Jul. 10, 1953	6		13		32		11		"			Shale 9; limestone 45.
Con I	"	E. Hartnett	Nov. 15, 1953	6		13		50		40		"			Sandy loam 3; blue limestone 45.
Con I	"	J. Biggood	Jul. 2, 1953	6		10		35		25		"			Shale 14; limestone 135.
Con I	"	T. Andrea	Oct. 28, 1953	6		8		115		80		"			Shale 12; limestone 88.
Con I	"	W. N. Cleland	Apr. 13, 1954	6		17		85		30		"			Blue clay 4; blue limestone 137.
Con I	"	T. Heska	Jun. 28, 1954	6		17		140		30		"			Clay 4; blue limestone 140.
Con I	"	T. Andri	Jan. 15, 1954	6		7		111		135		"			Loam 1; shale 15; limestone 111.
Con I	"	C. R. Holland	May 20, 1954	6								Salt			Blue limestone 148. Abandoned.
Con I	"	School S. #4	Apr. 14, 1954	6								"			Grey limestone 70. Dry hole.
Con I	"	C. Goodberry	Dec. 16, 1953	6								"			Grey limestone 50. Dry hole.
Con I	"	G. H. Chalk Jr.	Dec. 22, 1953	6								"			Limestone 43.
Con I	"	L. B. Macdonald	Apr. 15, 1953	6		8		20		40		Fresh			Hard grey limestone 66.
Con I	"	R. Hartmann	Aug. 15, 1953	6		10		25		10		"			Clay 7; limestone 47.
Con I	"	T. James	Oct. 21, 1953	6								"			Clay 10; limestone 100. Dry hole.
Con I	"	R. Shaw	Aug. 3, 1954	6		5		35		5		Sulphur			Clay loam 10; grey limestone 35.
Con I	"	E. Mills	Jun. 19, 1954	6		3						"			Clay shale 3; hard blue limestone 60.
Con I	"	W. Willneiff	Oct. 22, 1953	6		3						"			Clay shale 3; hard limestone 123. Dry hole.
Con I	"	R. C. Wales	Nov. 24, 1953	6								"			Clay shale 4; limestone 34.
Con I	"	"	Mar. 29, 1954	6								"			Shale 7; limestone 80. Dry hole.
Con I	"	W. Lang	Jul. 29, 1954	6		3		34		5		Fresh			Grey limestone 40.
Con I	"	W. H. Jansen	Aug. 2, 1954	6		3		40		80		"			Blue limestone 100.
Con I	"	L. Brooks	Aug. 21, 1954	6		5		64		12		"			Clay 2; blue limestone 64.
Con I	"	S. Fullerton	Sep. 3, 1954	6		3						"			Clay 4; shale 9; limestone 112. Dry hole.
Con I	"	C. Goodberry	Dec. 14, 1953	6								"			Loam sand 3; limestone 26.
Con I	"	W. H. Davy & Son	Mar. 4, 1954	6								"			Loam sand 3; limestone 96 1/2. Dry hole.
Con I	"	R. C. Wales	Mar. 8, 1954	6								"			Loam sand 3; limestone 34.
Con I	"	"	Mar. 10, 1954	6								"			Loam 4; blue limestone 58. Dry hole.
Con I	"	"	Oct. 30, 1954	6								"			Loam 16; blue limestone 40. Dry hole.
Con I	"	"	Nov. 3, 1954	6								"			Limestone 60. Dry hole.
Con I	"	"	Jun. 13, 1954	6								"			Blue limestone 50. Dry hole.
Con I	"	"	Nov. 25, 1954	6								"			Clay 4; blue limestone 215. Dry hole.
Con I	"	"	Oct. 6, 1954	6								"			Clay 4; blue limestone 60.
Con I	"	"	Nov. 27, 1953	6		10		30		18		Fresh			Clay 12; limestone 65.
Con I	"	H. A. Steveson	Aug. 5, 1953	6		7		40		15		"			Clay 20; grey limestone 38.
Con I	"	J. McCormick	Aug. 26, 1954	6		8		38		10		"			Sandy loam 21; grey limestone 48.
Con I	"	L. Chiles	Aug. 14, 1954	6		20		30		19		"			Blue limestone 152. Dry hole.
Con I	"	Radio Str. CKWS	Aug. 25, 1954	6								"			Grey limestone 75. Dry hole.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LENOX and ADDINGTON COUNTY - cont.										
Napanee	J. Yates	V.N. Miller	Feb. 7, 1953	6	17	7	7	Fresh	D	Limestone 20. Clay 5; limestone 90.
Napanee	G. Gilbert	"	Mar. 27, 1953							
North Fredericksburg Twp.										
Con V lot 24	H. Dillenteck	G.S. Chalk Sr.	Aug. 21, 1953	6	3	60	15	Fresh	S	Clay 13; grey limestone 60.
Con VII " 25	S. Anderson	G.H. Chalk Jr.	Oct. 9, 1954	6	20	18	18	"	S	Sand 10; grey limestone 50.
Con V A " 8	A.R. Sexsmith	"	Oct. 22, 1953	6	1	100	20	Sulphur	S	Clay 1; grey limestone 129. Dry hole.
Con V A " 8	"	"	Oct. 29, 1953	6	1	9	9	"	S	Clay 1; grey limestone 100.
Con V A " 12	C. Deline	G.S. Chalk Sr.	Nov. 11, 1953	6	17	9	9	"	S	Clay 1; grey limestone 54.
Con V A " 8	J. Olson	"	Aug. 14, 1953	6	10	47	22	Fresh	D	Gravel 9; grey limestone 47.
Richmond Twp.										
Con I lot 6	J. Smith	V.N. Miller	Jul. 2, 1953	6	1 1/2	15	15	Fresh	D	Clay loam 4; sandy clay 32.
Con II " 3	G. Dupre	G.H. Chalk Jr.	Jun. 12, 1954	6	25	50	50	Sulphur	D,S	Clay 6; grey limestone 141.
Con II " 4	G.H. Chalk	"	Mar. 11, 1954	6	25	47	47	Fresh	D	Clay 3; grey limestone 80.
Con V " 21	G. Hughes	T.E. Richmond	Sep. 25, 1954	6 1/2	5	15	15	"	In	Hardpan 4; sand boulders 15; hard grey limestone 40; hard brown limestone 45.
Con VI " 22	P. Dowling	"	Aug. 30, 1954	6	1 1/2	75	25	"	S	Clay loam 2; hard grey limestone 93; soft green limestone 95.
Con VII " 6	J.V. Jordan	"	Dec. 17, 1954	5 1/2	3	58	25	"	D	Loam 4; hard grey limestone 74.
Con VII " 15	A. Switzer	"	Nov. 30, 1954	6 1/2	3	49	25	"	D	Loam shale 1; hard grey limestone 64.
Con VII " 16	R. Baker	"	Jun. 16, 1954	6	2	30	30	"	S	Hard grey limestone 59; hard blue limestone 62.
Con IX " 21	T.E. Richmond	"	Apr. 1, 1954	6	10	8	8	"	S	Hardpan boulders 8; hard grey limestone 40.
Con IX " 15	W. South	"	Apr. 15, 1954	6	25	5	5	sl. Salt	S	Clay loam 4; hard grey limestone 62.
Con XI " 16	G. Allen	"	Dec. 31, 1953	6		42	42	Fresh	S	Loam 2; hardpan boulders 24; soft grey limestone 39; hard grey limestone 42; blue clay 43; hard grey limestone 78.
Sheffield Twp.										
Con IV lot 8	C. Dale	T.E. Richmond	Jan. 12, 1953	6	5	11	11	Fresh	D	Clay loam 8; red granite 17 1/2.
Con IV " 10	W. Ashton	L.B. Macdonald	Apr. 27, 1953	6 1/2	8	6	6	"	D	Clay 7; limestone 32.
Con IV " 7	A. Wright	"	May 16, 1953	6 1/2	6	6	6	"	D	Clay 6; limestone 32.
Con V " 10	H.A. Close	T.E. Richmond	Mar. 25, 1954	6	10	9	9	"	S	Clay loam 6; grey limestone 7; red granite 26.
Con V " 4	R. Embury	"	Jan. 3, 1953	6	5	19	16	"	S	Hardpan gravel 28.
Con VI " 5	J. Seaborn	L.B. Macdonald	Jan. 15, 1953	6 1/2	13	36	36	"	D	Hardpan 32; limestone 32.
Con VI " 5	W.O. Ware	W.H. Davy & Son	Jul. 27, 1954	6 1/2				"	D	Boulders fine sand 31; blue limestone 50; soft red and green granite 75.
Con VI " 5	O.H. Yoss	"	Aug. 3, 1954	5 1/2	20	26	12	"	D	Sandy loam 4; blue limestone 47.
Con VII " 5	G. Hunt	L.B. Macdonald	Jul. 9, 1954	6 1/2	10	32	32	"	D	Clay 4; limestone 55; granite 64.
Con VII " 6	F.O. Ware	T.E. Richmond	Mar. 6, 1954	6	1	75	12	"	D	Clay 28; hardpan boulders 36. Dry hole.
Con I " 9	J. Anderson	R.C. Macdonald	Oct. 27, 1954	5 1/2	1	90	80	"	D	Clay hardpan 26; limestone 31; sandstone 75.
Con I " 1	J.D. Clarkson	R.C. Wales	Jul. 27, 1954	5 1/2	1	73	73	Salt	D	Clay 5; limestone 130. Dry hole.
Con II " 1	J.B. Storms	L.B. Macdonald	Jun. 25, 1953	5 1/2	1	73	73	"	D	Limestone 90.
Con II " 3	C. Cuthbertson	R.C. Wales	Jun. 7, 1954	5 1/2	1	35	5	Fresh	D	Clay 2; limestone 73. Not used.
Con III " 3	M. Leslie	"	Jun. 15, 1954	5 1/2	7			"	D	Clay 3; shale 6; limestone 68.
Lincoln County.										
Caistor Twp.										
Con II lot 12	S. Sisler	E.A. Ricker & Son	Sep. 14, 1953	6 1/2	30	30	30	Fresh	D,S	Clay 45; hardpan gravel 50.
Con II " 21	C. Kezel	S.W. Merritt	Apr. 12, 1954	5 1/2	17	30	30	"	S	Clay 60; Niagara rock 62.
Con III " 9	T. Smith	"	Feb. 19, 1953	5 1/2	3	68	22	"	S	Clay 47; gravel boulders 53; rock 68.
Con III " 21	W. Young	"	Sep. 14, 1954	5 1/2	17	28	26	"	S	Clay 63; gravel boulders 70; gravel 93.
Con VI " 7	A. Griffin	E.A. Ricker & Son	Sep. 18, 1953	5 1/2	4	38	36	"	D,S	Clay 70; gravel hardpan 73; gravel 73 1/2.
Con VI " 7	H. Young	S.W. Merritt	Jul. 24, 1954	5 1/2	17	26	26	"	D	Clay boulders 61; grey shale 63.
Con VII " 8	C. Ongara	"	Jul. 24, 1954	5 1/2	17	26	26	"	D,S	Clay boulders 58; Niagara rock 60.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LINCOLN COUNTY-cont. Grantham Twp.-cont. Con I lot 8	D. Francis	Lounsbury & Sons	May 20, 1954	6 1/2	5	45	17	Fresh	D	Sandy loam 22; blue clay 44; sandy clay 50; hardpan 57; red medina rock 63; red shale 65.
Con I " 10	Reid Bros.	"	Aug. 12, 1953	6 1/2	10	45	22	"	D	Sandy soil 8; hard clay 18; soft blue clay 42; hardpan 54; red medina shale 66.
Con I " 11	W.G. Rogers	"	Sep. 8, 1953	6 1/2	50	50	25	Salt	D	Hard clay 10; blue clay 42; blue clay little gravel 45; blue clay 50; hardpan 58; red medina rock 70.
Con I " 11	H.J. Howard	"	Aug. 7, 1954	5 1/2	75	75	18	Fresh	D	Hard clay 18; blue clay 50; hardpan 58; red medina 75.
Con I " 16	M. Zahprchuk	W.L. Field & Son	Apr. 27, 1953	6	4	100	12	"	P	Brown sand 8; blue clay 40; blue slate 52; gravel sand 56; red shale 100.
Con II " 2	C. Huibers	Lounsbury & Sons	Aug. 27, 1954	6 1/2	7	30	16	"	D, S	Black loam 2; hard brown clay 16; soft blue clay 32; grey very stony hardpan 41; red hardpan 46; red medina shale 65.
Con II " 8	R. Dunlop	"	Nov. 12, 1954	6 1/2	5	10	10	"	D	Sandy soil 6; red sand 16; blue clay 58; grey hardpan 57; soft clay sand 67; red hardpan 72; red medina shale 81.
Con II " 10	Prt. Weller Dry Dock	"	Oct. 20, 1953	10	5	70	28	"	P	Hard clay 18; soft blue clay 51; stony hardpan 57; red medina hardpan 63; red medina rock 78.
Con III " 9	R. Meyers	"	Aug. 13, 1954	6 1/2	3		18	"	D	Red sand 8; hard clay 19; soft blue clay 45; hard sand clay 57; red hardpan 64; red medina shale 87.
Con IV " 2	P. Bergman	"	Oct. 25, 1954	6 1/2	1	72	18	"	D	Sandy top soil 5; hard stony clay 28; soft blue clay 44;
Con IV " 6	E.L. Hason	W.L. Field & Son	Jun. 19, 1954	6	20	30	19	"	D, S	Very fine weaving red sand 68; red medina shale 72.
Con IV " 8	T. Wormald	"	Dec. 7, 1953	6	1	15	15	"	D	Blue clay some stones 48; blue shale gravel 58; large stones 65; gravel sand 70; sand 80; fine sand 90; red shale 100.
Con IV " 9	M. Kotyk	Lounsbury & Sons	Nov. 5, 1954	6 1/2	5	60	19	"	D	Brown sand 8; blue clay 40; clay gravel 55; sand gravel 63; red shale 80.
Con V " 4	P. Wiens	"	Aug. 16, 1953	6 1/2		80	15	Sl. Salt	D	Sandy top soil 4; hard brown clay 36; hard sand small stones 47; grey hardpan 63; red hardpan 74; red medina rock 81.
Con VI " 5	K. Stokes	"	Mar. 10, 1953	6 1/2	2	60	21	Salt	S	Hard clay 10; blue clay 43; hard clay 50; blue clay 75; sandy gravel 85; hardpan 93; red medina rock 100.
Con VII " 6	W. Bowman	"	Apr. 26, 1954	5 1/2	130	42	42	Fresh	D	Hard clay 25; blue clay 63; gravel sand 78; red medina rock 100.
Con VIII " 4	W. Jasovsky	"	Oct. 1, 1953	6 1/2	80	25	25	"	D	Hard clay 10; blue clay 80; fine sand 82; blue clay 92; hardpan 100; red medina rock 130.
Con X " 14	Cdn. Legion	"	Jul. 5, 1954	5 1/2	20	6	6	"	P	Hard clay 10; blue clay 60; small stones 65; blue clay 77; fine sand 82; hardpan 95; red medina rock 97.
Louth Twp. Con II lot 3	W. Walchuk	Lounsbury & Sons	Dec. 15, 1954	6 1/2	5	57	27	Fresh	D	Sandy loam 10; blue clay 60; sandy clay 75; coarse gravel 78.
Con III " 2	C.S. Reid	"	Nov. 21, 1953	5 1/2	1 1/2	80	36	Sl. Salt	D	Coarse gravel 6; blue clay 20; gravel stones 30; blue clay 73; fine sand 103; red medina rock 108.
Con III " 3	R. Knight	W.L. Field & Son	Aug. 20, 1954	6	10	30	28	Fresh	D	Brown sand 8; blue clay 50; blue clay stones 70; sand gravel 80; red shale 84.
Con IV " 1	Thompson Prod.	Lounsbury & Sons	Mar. 29, 1954	10	17	150	24	Sl. Salt	In	Hard clay 20; blue clay 35; hardpan 100; red medina rock 160.
Con IV " 15	H. Fulkerson	"	Dec. 30, 1953	5 1/2	5	80	51	Fresh	D, S	Hard clay 20; blue clay 55; fine sand 60; blue clay 120; small stones 125; coarse gravel 128.
Con V " 19	A. Marsh	W.L. Field & Son	Dec. 8, 1953	7	10	10	10	"	D, C	Sandy loam 5; blue clay 14; red shale 110.
Con V " 19	W. Yauorshi	Lounsbury & Sons	Jun. 15, 1954	10	10	50	10	Salt	P	Large stones 1; hard clay stones 28; red hardpan 32; red medina rock 60.
Con VIII " 5	D. Battle	"	Aug. 1, 1953	6 1/2	3		12	Fresh	D, S	Hard clay 8; soft clay 14; hard limestone 28; soft limestone shale 40.
Con VIII " 11	E. Durksen	S.W. Herritt	Sep. 3, 1954	5 1/2	4	40	20	"	D	Clay boulders 34; limestone 60.
Merriiton	E. Knight	W.L. Field & Son	Feb. 28, 1953	6 1/2	10	10	10	Fresh	D, S	Blue clay 22; limestone 38.

LINCOLN COUNTY-cont.

Niagara Twp.

Lot	Owner	Loc. Notes	Loc. No.	Acres	Year	Value	Notes	Remarks
lot 27	Jewish Colonization of Can.							
lot 73	R. Saunders			5	22	19	"	D
lot 73	J. Radusky			4	22	4	"	D, S
lot 83	F. Stewart			6			Flows	D, S
lot 84	School S. #6			8		16	"	P
lot 87	J. VanGeest			5	10		Flows	D
lot 88	J. Krutaski			5	20	"	"	D, S
lot 89	M. Przyk			2	30	"	"	D, S
lot 92	C. N. Simpson			8		28	"	D
lot 95	A. Turpin			6		38	"	D
lot 117	I. Janzen			6	21	12	"	D, S
lot 141	W. Maybon			1		57	"	D
lot 182	A. Lament			8	85	76	"	D, S
lot 185	P. Redikopp			5		16	"	D, S
lot 190	A. Tobe			17	20	9	"	D, S
lot 191	T. McClelland			8		10	"	D
lot 191	D. McLeod			4	20	13	"	D
lot 191	A. Werner			5	22	14	"	D
lot 191	J. Schweitzer			5	15	10	"	D
lot 193	N. Pospiech			4	22	15	"	D, S
lot 194	Can. Packers			15	50	14	"	In
M.R.	L. Podesluk			1	40	17	"	D, S
NFLCS	M. Past			2	30	8	"	D
NFLCS	W. H. Hunter			3	50	10	"	D
NFLCS	P. Nordheimer			20	15	10	"	D
NFLCS	H. M. Williams			6	2	15	"	D, S
North Grimsby Twp.								
88	J. Cocker			6	1	55	"	D
Con I	J. W. Irish			7		18	"	D
Con II	Sun Oil Co.			6		15	"	D
Con III	R. Metcalfe			13	20	8	"	D
Con III	School S. #13			6		30	"	P
Con III	T. Wisnoski			5	40	30	"	P
Con III	R. Vicors			1	75	32	"	D
Con IV	P. Toporski			4	65	27	"	D
Con IV	M. Lucio			8	28	20	"	D
Con IV	H. Jefferies			6	17	20	"	D, S
Con V	A. Topajna			10	20	4	"	S

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC WATER LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
LINGOLN COUNTY-Cont. South Grimsby Twp. lot 16	R. Belac	S. W. Merritt	Jul. 28, 1954	6	13	21	20	Fresh	D	Clay 17; Niagara rock 32.
Con A	D. Gordon	"	Mar. 15, 1954	5 1/2	12	25	20	"	D	Clay 18; gravel boulders 26; Niagara rock 35.
Con VII	J. Turczan	"	Jun. 23, 1954	5	17	12	8	"	D, S	Clay 18; Niagara rock 24.
Con VII	A. Derksen	"	Nov. 26, 1954	6	17	16	10	"	D	Clay 21; Niagara rock 24.
Con VII	J. Pulford	"	Feb. 10, 1953	5 1/2	15	20	18	"	S	Clay gravel 34; rock 37.
Con VII	E. Jones	"	Aug. 8, 1954	5 1/2	17	8	8	"	D	Clay 40; gravel boulders 42; Niagara rock 49.
Con VII	L. Thomas	"	Sep. 24, 1953	5 1/2	17	15	14	"	S	Clay boulders 30; rock 35.
Con VII	C. Hyser	"	May 8, 1954	4 1/2	17	20	17	"	D	Clay 40; Niagara rock 46.
Con VII	V. Hunter	"	May 19, 1954	5 1/2	15	18	16	"	D	Clay 40; gravel boulders 42; Niagara rock 46.
Con VII	L. Jacobs	"	Sep. 12, 1953	5 1/2	7	15	8	"	D	Clay 14; rock 20.
Con VII	L. Culp	"	Nov. 13, 1953	5 1/2	17	36	36	"	S	Clay 22; Niagara rock 60.
Con VII	J. Penrose	"	Sep. 20, 1954	5 1/2	17	28	26	"	D, C	Clay 22; shale 24; Niagara rock 33; gravel 34; Niagara rock 42.
Con VII	T. Richards	"	Jan. 14, 1953	5 1/2	8	25	15	"	D	Clay boulders 17; Niagara rock 36.
Con VII	"	"	Sep. 5, 1953	5 1/2	13	22	14	"	D	Clay boulders 16; rock 37.
Con VII	"	"	Dec. 20, 1953	5	12	24	16	"	D	Clay boulders 18; Niagara rock 38.
Con VII	"	"	May 18, 1953	6	17	18	8	"	D	Clay 18; shale 20; Niagara rock 29.
Con VII	T. Brech	"	Sep. 8, 1953	6	5	15	13	"	D	Clay 18; rock 20.
Con IX	G. Adams	"	Aug. 18, 1954	6	15	30	13	"	D	Clay 13; shale 15; Niagara rock 42.
Con IX	J. Pertok	"	Jul. 28, 1954	6	17	10	10	"	C	Clay 20; shale 22; hard grey rock 30.
Con IX	J. Fisher	"	Nov. 8, 1954	6 1/2	17	26	23	"	S	Clay 20; boulders gravel 32; gravel 34.
Con IX	F. Voll	"	Aug. 13, 1954	6	17	22	18	"	D	Clay 33; Niagara rock 38.
Con IX	A. Oaks	"	May 30, 1953	5 1/2	7 1/2	24	6	"	C	Clay 12; gravel boulders 16; rock 34.
Con IX	C. Februs	"	Jan. 3, 1954	5	10	25	20	"	P	Clay 23; Niagara rock 35.
Con IX	J. Butrum	"	Sep. 8, 1953	6	17	12	10	"	D, S	Clay 19; rock 23.
Con IX	W. McKinnell	"	Sep. 3, 1954	5	7	30	15	"	S	Clay 10; shale 13; mud 15; Niagara rock 46.
Con IX	E. G.	"	Jun. 10, 1953	6 1/2	5	12	10	"	D, S	Clay 10; shale 13; mud 15; Niagara rock 46.
Con IX	K. Juhlke	"	Jun. 10, 1953	6 1/2	5	12	10	"	D, S	Brown clay 3; blue clay 10; limestone 45.
MANITOULIN DISTRICT Allan Twp. lot 18	C. Robertson	R. Marshall	Jun. 29, 1953	5	5	5	24	Fresh	S	Gravel sand 29; broken rock 36.
Con VII	School	"	Sep. 25, 1953	5	5	5	23	"	P	Clay small stones 32; gravel 33.
Con IX	R. Wright	"	Oct. 15, 1954	5	5	5	23	"	P	Brown clay boulders 35; very soft shale 60. Dry hole.
Assignack Twp. lot 54	J. Tilston	R. Marshall	Oct. 22, 1954	5	1 1/2	44	Flows	Salt	D	White clay 7; blue shale 44.
Bidwell Twp. lot 21	R. Bullas	R. Marshall	Jul. 3, 1954	5	1 1/2	50	50	Fresh	P	Grey limestone 45; blue shale 75.
Burpee Twp. lot 36	P. Harper	R. Marshall	Jul. 4, 1953	5	5	35	35	Fresh	D	Sand 6; grey limestone 86.
Con VII	C. Midaugh	"	Jul. 24, 1954	5	5	27	27	"	D	Pine sand 26; coarse gravel 34.
Con VIII	Pentecostal Church	"	Oct. 19, 1953	5	3	35	35	"	D	Sand 3; grey limestone 58.
Campbell Twp. lot 20	School S. #2	R. Marshall	Aug. 12, 1954	5	1 1/2	91	45	Fresh	P	Earth shale rock 4; grey limestone 91.
Con II	C. Doetsch	"	Aug. 29, 1953	5	5	22	22	"	P	Sand 10; grey limestone 39.
Con II	J. Graham	"	Jun. 1, 1954	5	5	25	35	"	P	Sand 24; coarse gravel 36.
Con VII	E. Lewis	"	Nov. 13, 1954	5	5	40	35	"	P	Sandy clay 6; grey limestone 64.
Con X	G. Hartley	"	Jun. 18, 1953	5	5	14	14	"	S	Clay sand 16; grey limestone 28.
Con X	C. Galbraith	"	Feb. 4, 1954	5	5	24	17	"	D	Old well 14; blue clay stones 39; limestone 75.
Con X	S. Sloas	"	Jun. 12, 1953	5	4	12	12	"	S	Clay 2; grey limestone 71.
Con XII	R. Galbraith	"	Sep. 3, 1954	5	4	4	12	"	S	Brown clay 17; grey limestone 60.
Con XIII	A. Dryden	"	Aug. 25, 1954	5	5	12	12	"	S	Yellow clay 4; grey limestone 23.

MANITOULIN DIST. cont.

Locality	Section	Strata	Age	Notes	Remarks
Carmanron Twp.	Con III	L.J. Caddell	17	Blue clay 16; grey limestone 24.	
	Con III	F. Hagg	23	Sand rock 18; grey limestone 25; blue shale 44.	
	Con III	F. Hagg	23	Dug 20; grey limestone 62.	
	Con IV	M. VanHorne	20	Grey limestone 79.	
	Con IV	A. J. Hare	20	Broken shale rock 9; grey limestone 64.	
	Con V	E. Lovelace	20	Clay quicksand 18; grey limestone 40.	
	Con V	R. Cooper	20	Brown sand 10; grey limestone 24.	
	Con VI	D. Taylor	21	Grey limestone 88.	
Dawson Twp.	Con XI	N. Kelly	25	Broken rock clay 25; shale 73.	
Gordon Twp.	Con III	P. Johnston	22	Brown clay 14; shale 22.	
E.R.	"	C. Woodroffe	4	Clay small stones 18; shale rock 22.	
Robinson Twp.	Con VIII	B. Cook	20	Blue clay boulders 78; grey limestone 110.	
Sandfield Twp.	Con I	L. Turnbull	15	Brown clay 10; quicksand 30; grey limestone 37.	
Con V	"	M. Brennan	6	Broken rock stones 7; grey limestone 78.	
Con X	"	E. K. Kamp	26	Clay boulders 5; grey limestone 67.	
Sucker Creek	Indian Reservation	School		Brown clay 12; blue shale 65.	
Tenkumamah Twp.	Con VI	E. Freeman	11	Gravel boulders 25; blue clay small stones 47; grey limestone 93.	
Con VII	"	J. Wilson	4	Brown clay 3; grey limestone 35.	
Con XII	"	A. Brown	11	Broken rock 4; grey limestone 44.	
MIDDLESEX COUNTY	Adelaide Twp.				
ERN Con III	lot 5	School S. #9	5	Top soil yellow clay 12; blue sandy clay 21; sand streaks blue clay 35; sandy clay 41; very fine sand 44; sandy clay 101; hardpan 103; soft limestone 105.	
ERN Con III	lot 7	C. Arrond	7	Top soil sandy clay 18; gravel, fine dirty sand 62; sandy clay 80; muddy coarse sand 63; hard sandy clay 119; hard gravelly clay 120; hard sandy clay 133; soft sandy clay 138; fine dirty sand 148; hardpan clay gravel 163; soft limestone streaks 171.	
ERN Con III	lot 11	E. McKeen	11	Clay some stones 39; hardpan 41; fine sand 47.	
ERN Con IV	"	E. Herrington	5	Top soil gravel sand 13; hard sandy blue clay 30; soft sandy blue clay 38; sandy blue clay 60; hard blue clay stones 66; clay, sand streaks 75; soft blue clay 101; fine dirty sand 104; hardpan 106.	
ERN Con IV	"	E. Murray	8	Top soil yellow clay 14; hard blue clay 70; hardpan clay gravel 75; fine sand 61; clay fine sand 63.	
ERS Con I	"	C. W. Nichols	11	Clay 22; sand 42.	
ERS Con I	"	R. Wilton	31	Clay 36; fine sand 48.	
ERS Con II	"	J. Hoefnagles	11	Clay 52; sand clay 92; sand 97.	
ERS Con III	"	A. Wright	19	Clay 66; hardpan 68; fine sand 80.	
ERS Con III	"	M. Cuddy	21	Top soil sandy red clay 18; red sand 19; hard red sandy clay 31; red sand 37; clean sand 44.	
Alisa Craig		G. Hodgins		Red clay 4; blue clay boulders 70; blue clay streaks hardpan boulders 96; shale 100; limestone 109.	
Alisa Craig		A. Zavit		Blue clay 82; shale 93; limestone 129.	
Alisa Craig		Schenk Bros.		Clay boulders 30; clay 76; hardpan 104.	

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APPENDIX C — RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY-cont Bidsulph Twp.									
Con I lot 26	School S. #12 and 4	G.L.Davidson	Mar. 31, 1953	4	6	132	Fresh	P	Clay 30; till 52; sand gravel 124; quicksand 157; shale 171; hard grey rock 190.
S.B.C. " 1	W.Kofrichter	F.L.Davidson	Oct. 10, 1954	4	5	230	"	P	Clay 36; sand 44; hardpan 95; clay 135; hard clay stones 152; shale rock 160; hard rock 190; soft rock 250.
Caradoc Twp.									
Con III lot 21	C.Hostry	Ward's Water Supply	Apr. 10, 1953	2	2	15	Fresh	Ir	Black sand 2; red sand 17; fine gravel 21.
Con III " 21	"	"	Apr. 10, 1953	2	5	15	"	Ir	Black sand 2; red sand 17; fine gravel 21.
Con III " 21	"	A.A.Heal	Mar. 22, 1954	2	5	33½	"	Ir	Top soil 1; dirt 2; sand 2; clean sand 30; sandy clay streaks dirty sand 85; clean fine sand 92.
Con VI " 22	P.Henderson	Wards Water Supply	Oct. 24, 1953	3	5	15	"	D, S	Loam 15; sand 28; fine sand 36.
LRN RI " 23	D.Frederickson	S.Earl	Nov. 27, 1954	3½		75	"		Red sand 16; clay 107; till fine gravel sand 112; grey shale 141. Abandoned.
Delaware Twp.									
B.F. lot D	C.Piets	W.B.Dale	Aug. 5, 1953	4	5	120	Fresh	D	Clay stones 50; sand 65; hardpan 120; dirty sand 123; hardpan 146; dirty sand 148; hardpan 182; slate sand.
East Williams Twp.									
Con XI lot 3	H.Watson	Schenk Bros.	Sep. 10, 1954	4	6	114	Sulphur	D, S	Yellow clay 70; gravel clay 90; blue clay 187; quicksand 192; blue clay 241; limestone 252.
Erkfrid Twp.									
lot 13	W.Laughton	W.J.George	Sep. 15, 1953	5	6	38	Fresh	D	Clay 10; sand 12; clay 28; sand 33; clay 73; sand 95; orange sand 101; clay 140; black gravel 142.
LRN RI " 1	Odn.Oil Co.	Brodie & Dennis	Mar. 6, 1954	6½	2	181	Sulphur	C	Fill 4; fine sand 14; clay 60; fine sand 123; fine gravel silt 125; clay 163; silt fine sand 172; soft black shale 181.
Lobo Twp.									
Con I lot 6	G.Wales	W.B.Dale	Aug. 7, 1953	4	6	14	Fresh	D, S	Dug well 18; hardpan 21; gravel 26.
Con I " 11	C.B.Hunt	I.Lounsbury	Jan. 6, 1954	5½	8	90	"	D	Clay 89; gravel 90; sand 120; hardpan 184; gravel 185.
Con II " 6	Master Feed Co	Johnston Well Drillers	Mar. 10, 1954	5	5	40	"	P	Gravel fill 3; red clay 8; blue clay 40; muddy silt 58; gravel hardpan 118; gravel 128; gravel hardpan 130.
Con II " 7	American Agri- cultural Chemical Co.	International Water Supply Ltd.	Aug. 27, 1954	5½				T	Brown sandy clay 10; hard sandy grey clay 34; grey clay silt 49; hard cemented fine gravel 50; fine very dirty sand with silt 60; sandy grey clay hard streaks of fine gravel 80; hard cemented dirty fine gravel with clay 88; fine very dirty grey sand 97; hard cemented fine gravel 98; sandy grey clay, hard streaks of fine gravel 103; grey clay hard-packed fine gravel 103½.
Con II " 7	"	"	Sep. 3, 1954	5½				T	Brown sandy clay 10; sandy grey clay hard streaks of fine gra- vel 34; grey clay silt 80; sandy grey clay hard streaks of fine gravel 175; sandy grey clay hard streaks of fine sand 181.
Con II " 7	"	"	Sep. 17, 1954	5½				T	Brown sandy clay 10; hard sandy grey clay 34; grey clay silt 49; hard cemented fine gravel 50; fine very dirty sand with silt 60; sandy grey clay hard streaks of fine gravel 80; hard cemen- ted dirty fine gravel with clay 88; fine grey sand, very dirty silt 97; hard cemented fine gravel 98; sandy grey clay streaks of fine gravel 103; hard sandy grey clay 144.
Con II " 9	R.Ager	I.Lounsbury	Jul. 14, 1954	5½	10	80	Fresh	D	Blue clay 33; sand clay 40; hardpan 72; hardpan stones 82; sand 83; hardpan 114; gravel 120; sand 124; gravel 125.
Con III " 10	D.McIntyre	W.B.Dale	Aug. 24, 1954	6	5	42	"	D	Sand gravel 11; clay 60; soft clay 68; sand 69.
Con IV " 7	G.Hicks	"	Aug. 10, 1953	4				D	Clay stones 50; yellow sand 52; clay 81; yellow sand 82; clay stones 92. Dry hole.
Con IV " 12	J.Hicks	I.Lounsbury	Jul. 22, 1954	5½	12	76	"	D	Blue clay 70; fine sand 89; coarse sand 90.
Con IV " 12	J.Arnold	H.Siegrist	May 2, 1953	4½	2	8	"	D	Top soil 2; brown clay 10; blue clay 25; grey sandy clay 52; gravel 53.
Con VI " 9	L.Caughlin	Wards Water Supply	Jun. 14, 1954	2	8	12	"	D, S	Clay stones 27; fine sand 44.
Con VI " 9	H.Austin	"	Aug. 17, 1954	2	2½	15	"	D	Clay 32; fine sand 35; sand 40.

MIDDLESEX COUNTY-cont.

Lobo Twp. cont.				WardsWater Supply				Fresh				P			
Con	lot	Community	Hall	Apr. 15, 1954	2	10	15	15	60	60	60	D.S	Surface	clay loam	4; gravel 10; clay stones 27; coarse sand 37.
Con VIII	"	J. Dale	"	Sep. 24, 1954	2	3						D.S	Surface	clay 15; blue clay 60; sandy clay 87; hardpan 91; fine sand 98.	
Con IX	"	"	"	Sep. 24, 1954	2	7	100					D.S	Clay 95; hardpan 100; fine sand 118.		
Con X	"	G. Trecharne	"	Sep. 20, 1953	2	6	30					D.S	Clay 50; hardpan 55; coarse sand 64.		
Con XI	"	R. Bycraft	"	Apr. 7, 1953	2	8	10					D.S	Clay 50; hardpan 60; sand coarse gravel 65.		
Con XII	"	C. Vollick	"	Apr. 6, 1953	2	8	10					D.S	Top soil 2; blue clay 18; hardpan 30; gravel 47.		
Con XIII	"	F. Grieve	"	Jul. 27, 1953	2	8	10					P	Clay quicksand 117; fine gravel 120.		
Con XIV	"	School S.#5	"	Apr. 22, 1954	2	8	13					D.S	Clay stones 15; blue clay 45; quicksand 55.		
Con XV	"	W. McEllan	"	Sep. 29, 1954	2	2	20					D.S	Gravel 5; clay 27; fine sand 40.		
Con XVI	"	W. Daniels	"	Oct. 17, 1953	2	8	20					D.S	Dug well 17; blue clay stones 33; sand gravel 57.		
Con XVII	"	H. Dennis	"	Dec. 9, 1954	4	4	17					D	Brown sand 30; hardpan 70; gravel 72.		
Con XVIII	"	K. Fink	"	Jun. 24, 1953	4	2 1/2	41					D	Clay 2; gravel 28; blue clay 96; gravel 100.		
Con XIX	"	J. McGregor	"	May 13, 1954	4	4	38					D	Gravel 28; blue clay 94; gravel 98.		
Con XX	"	"	"	Jul. 1, 1954	4	4	38					D	Top soil 2; gravel 32; stony blue clay 75; compact coarse gravel 80; blue clay boulders 122; grey limestone 123. Dry hole		
Con XXI	"	J. Wilson	"	Sep. 29, 1954	4	4	38					D	Fill 3; top soil 5; gravel 28; stony blue clay 78; silt sand 83; gravel hardpan 98; gravel 98.		
Con XXII	"	J.A. McGregor	"	Oct. 10, 1954	4	4	34					D	Fill 3; top soil 5; gravel 22; blue clay boulders 70; sand silt 98; fine gravel 94; gravel hardpan 105.		
Con XXIII	"	"	"	Oct. 24, 1954	4	4	186					P	Top soil 5; sandy clay gravel 20; hardpan 38; clay 55; gravel 57; blue clay 80; gravel boulders clay 115; fine sand 121; boulders sticky clay 124; fine gravel 135; coarse gravel boulders 142; limestone 500.		
Con XXIV	"	International Water Supply Ltd.	"	Jul. 14, 1954	14	42 1/2	36					P	Clay 2; top soil 3; red sand 8; blue clay boulders 25; sand 29; gritty blue clay 68; coarse sand 79; gravel 83; gravel hardpan 85.		
Con XXV	"	Johnston Well Drillers	"	Jul. 2, 1953	6	5	27					C	Brown clay 12; hardpan 44; gravel 45.		
Con XXVI	"	I. Lounsbery	"	Nov. 11, 1953	6	5	30					D	Dry gravel boulders 18; dry gravel 75; fine sand clay 85;		
Con XXVII	"	"	"	Apr. 26, 1953	4	2 1/2	105					D	hardpan 113; clay 142; gravel 149.		
Con XXVIII	"	"	"	Aug. 28, 1954	4	9	50					D	Brown earth 2; dry gravel boulders 15; dry gravel 49; hardpan 60; gravel 61.		
Con XXIX	"	"	"	Apr. 20, 1954	5 1/2	12	11					D	Brown clay 7; fine sand 18; gravel 23.		
Con XXX	"	J.O'Brien	"	Sep. 22, 1953	5	3	94					D	Top soil 1; stony red clay 4; gravel 22; stony blue clay 26;		
Con XXXI	"	G.W. Foster	"	Jun. 29, 1954	4	10	80					D	gravel 108.		
Con XXXII	"	International Water Supply Ltd.	"	Sep. 16, 1954	8	486	75					D	Brown earth 2; stones gravel 14; hardpan 31; clay gravel 36; hardpan 78; gravel stones 85; hardpan 95; gravel 96.		
Con XXXIII	"	"	"	Oct. 5, 1954	8							T	Top soil 1; gravel stones 22; grey clay 39; brown clay 69; clay gravel 108; fine gravel boulders 118; gravel sand 126; gravel clay 135.		
Con XXXIV	"	"	"	Oct. 26, 1954	8							T	Top soil 1; red clay 45; brown silty clay 70; brown clay gravel 88; silty sand clay gravel 149; gravel clay 198; blue rock 203.		
Con XXXV	"	"	"	Nov. 22, 1954	8							T	Top soil 2; clay 73; clay gravel 149; blue clay gravel 169;		
Con XXXVI	"	"	"	Apr. 29, 1954	8	255	97					T	cemented gravel 202; brown shale 212.		
Con XXXVII	"	"	"	May 20, 1954	8							T	Top soil 1; brown clay gravel boulders 22; brown clay 55; silty clay 55; brown clay 102; brown clay gravel 194.		
Con XXXVIII	"	"	"		8							T	Top soil 1; red sand 4; grey sandy clay gravel 32; silty sand gravel 61; fine gravel sand 65; gravel boulders 81;		
Con XXXIX	"	"	"		8							T	gravel 138; sandy clay gravel 152; clay 168; brown rock 169.		
Con XL	"	"	"		8							T	Top soil 1; clay gravel 19; sandy clay 34; sandy clay gravel 38;		
Con XLI	"	"	"		8							T	clay gravel 58; streaks of gravel silty sand 83; silty sandy clay gravel 112; clay gravel 125; silty sandy clay gravel 142;		
Con XLII	"	"	"		8							T	grey clay gravel 177; grey shale 185.		

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY-cont London Twp. cont.										
Con I " 10 25	London Public Utilities Comm	International Water Supply Ltd.	Jun. 11, 1954	8					T	Muck 3; gravel clay 45; clay 52; streaks of gravel clay 65; silty sandy clay gravel 69; clay gravel 91; sand gravel little clay 99; silty sandy clay gravel 102; clay gravel 100; blue clay gravel 124; gravel clay 146 3/4; rock 150.
Con I " 25	"	"	Jul. 19, 1954	8					T	Muck 8; fine gravel sand 25; silty sandy clay gravel 38; silty sandy clay 61; clay gravel gravel 144; rock 145.
Con I " 25	"	"	Aug. 5, 1954	8					T	Top soil 5; sand gravel clay 18; sand clay 22; gravel clay 45; clay 59; silty sandy clay 71; clay gravel 142; cemented gravel 146; brown rock 148.
Con I " 25	"	"	Aug. 18, 1954	8					T	Top soil 1; clay gravel 19; clay 35; clay gravel 49; silty clay gravel 85; clay gravel 147; brown shale 153.
Con I " 26	"	"	Jun. 30, 1954	8					T	Muck 4; clay 18; gravel clay 53; silty sandy clay 55; brown clay gravel 76; cemented gravel 79; gravel sand little clay 82; cemented gravel 120; brown clay gravel 139; blue clay gravel 149; blue rock 153.
Con II " 20	A. Robo	I. Lounsbury	Jan. 10, 1953	6	2 1/2	65	60	Fresh	D	Clay boulders 35; hardpan stones 85; hardpan 134; gravel 136.
Con II " 24	H. Elson	G. L. Davidson	Jun. 29, 1953	4	5	50	50	"	D	Sand clay 18; clay 75; gravel 76.
Con II " 25	London Public Utilities Comm	International Water Supply Ltd.	Jul. 7, 1954	7 1/2					T	Top soil 1; sand 14; boulders sand gravel 25; sand gravel 50; cemented sand gravel 67; boulders clay and gravel 71; cemented sand gravel 77; blue clay gravel sand 86; cemented sand gravel 124; hard sandy reddish-blue clay 151; reddish-blue clay streaks of sand and gravel 154; rock.
Con II " 25	"	"	Jul. 19, 1954	4	106	20	5	Fresh	D	Top soil 1; brown clay 2; blue sandy clay 5; sand fine gravel 44; clay streaks of sand 52; sand fine gravel 59; gravel sand boulders 70; blue clay 84; sandy blue clay 97; boulders gravel sand 106; cemented sand gravel 115; red clay 127; clay gravel streaks 139; cemented sand gravel 143.
Con II " 25	"	"	Jul. 30, 1954	7 1/2					T	Top soil 1; muck 2; sand silt 10; sand gravel 20; blue clay gravel 34; boulders gravel sand clay 40; sand gravel clay 55; hard-packed sandy clay gravel 67; boulders sandy red clay gravel 69; hard-packed sandy red clay gravel 90; red clay streaks of gravel 105; silty sand 103; hard-packed red clay gravel 140; rock.
Con II " 26	"	"	Aug. 5, 1954	4	180	13 1/2	7 1/2	Fresh	T	Top soil 1; sand gravel 24; blue clay 33; blue clay streaks of sand gravel 44; gravel sand streaks of clay 49; blue clay streaks of sand gravel 56; sand gravel clay 63; sandy blue clay 76; gravel sand boulders little clay 115; red sandy clay gravel 121; cemented sand gravel 124; rock.
Con II " 26	"	"	Dec. 13, 1954	8					T	Top soil 2; sand gravel 24; clay gravel 46; silty sandy clay gravel 68; clay gravel 95; gravel sand little clay 106; gravel 111; cemented gravel 113.
Con III " 8	"	"	Feb. 27, 1954	4	325	20	6	Fresh	T	Dirty gravel and boulders 10; gravel boulders 15; coarse gravel 20; coarse gravel boulders 22; cemented gravel boulders 25; cemented gravel 31; coarse gravel 32; cemented gravel 33; gravel boulders streaks of clay 36; cemented gravel 37 1/2.
Con III " 12	J. Squire	J. D. Hayden	Aug. 21, 1954	4	4	100	15	Sulphur	D	Clay gravel 12; yellow clay 30; silty sand 35; blue clay 52; fine sand 57; hardpan 75; soupy sand 80; blue clay 104; blue shale clay 128; grey limestone 136.
Con III " 24	A. W. Demerling	I. Lounsbury	Oct. 13, 1953	5	10	65	15	Fresh	D	Clay 34; hardpan 84; gravel 85.
Con III " 24	W. Trethowan	"	Oct. 22, 1953	5 1/2	12	50	25	"	D	Dug well 31; hardpan 45; clay gravel stones 93; coarse gravel 98.
Con IV " 1	Upper Thames River Conserva- tion Auth.	"	Mar. 10, 1954	8					D	Top soil 12; stones gravel 105; limestone 118. Dry hole.

MIDDLESEX COUNTY-cont.

[illegible]

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC WATER LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
MIDDLESEX COUNTY-cont.										
London Twp. cont.										
Con V lot 4	London Public Utilities Comm	International Water Supply Ltd.	Apr. 23, 1954	5½					T	Top soil 1½; clay 6; gravel 18; clay coarse gravel 25; clay gravel 33; gravel clay streaks 44; blue clay 56.
Con V " 4	"	"	Apr. 30, 1954	5½					T	Top soil 1½; clay sand 7; coarse sand 14; fine sand gravel 30; coarse sand gravel streaks 35; dirty fine sand 39; clay gravel 48.
Con V " 4	"	"	Apr. 30, 1954	26	1100	31	3	Fresh	P	Top soil 2; coarse sand 6; gravel 7; coarse sand gravel 31; fine gravel 32; gravel sand 46; sand 48; gravel 48.
Con V " 4	"	"	May 3, 1954	5½					T	Top soil 1½; clay sand 7; coarse sand 14; fine sand gravel 30; sand coarse gravel thin clay streaks 35; sand gravel 36; clay gravel 40.
Con V " 4	"	"	May 5, 1954	5½					T	Top soil 1½; sandy clay 7½; sand fine gravel 29; coarse gravel sand thin clay streaks 44; clay gravel 49.
Con V " 4	"	"	May 10, 1954	26	1064	25½	3½	Fresh	P	Top soil 1 sand 28; sand little gravel 31; fine gravel 45.
Con V " 4	"	"	May 21, 1954	26	1066	25½	2½	"	P	Clay 8; sand 20; gravel sand 20; coarse gravel sand 38; fine gravel 41.
Con V " 8	W.L.Barkley	I.Lounsbury	Jan. 22, 1953	6	10	45	21	"	D	Clay boulders 16; hardpan boulders 35; hardpan 60.
Con V " 10	G.Wilson	R.Smith	Apr. 2, 1954	2	4	4	3	"	D, S	Gravel 14; fine red sand 22; fine sand 30.
Con V " 11	H.Siegrist	H.T.Siegrist	Aug. 31, 1954	4	4	50	46	"	D	Top soil 2; hardpan stones 83.
Con V " 12	C.Brock	I.Lounsbury	Feb. 16, 1953	6	2½	4	4	"	D	Dug well 16; hardpan 45; gravel 64.
Con V " 14	H.Highway	H.T.Siegrist	Sep. 10, 1954	4	2	30	25	"	D	Top soil 2; soft blue clay 25; hardpan 30; clay 59; sand 60.
Con V " 16	R.James	R.Smith	Apr. 21, 1953	2	4	35	30	"	D	Clay few small stones 46; hardpan 48; coarse sand 60.
Con V " 16	W.Andrews	"	Jun. 4, 1953	2	12	40	40	"	D	Clay stone 45; hardpan 47; coarse sand 61.
Con V " 16	H.McClure	"	Jul. 15, 1953	2	12	25	25	"	D	Clay stone 46; hardpan 47; medium sand 58.
Con V " 16	H.McClure	"	May 25, 1954	2	10	35	35	"	D	Clay stone 46; hardpan 48; medium sand 59.
Con V " 16	A.Smith	"	Aug. 3, 1954	2	6	21	21	"	D	Clay 34; fine sand 45.
Con V " 16	R.James	"	Aug. 6, 1954	2	6	38	38	"	D	Clay stone 46; sand 48; coarse sand 62.
Con V " 16	"	"	Aug. 11, 1954	2	6	38	38	"	D	Clay 65; sand 70; clay 125. Dry hole.
Con V " 16	"	"	Dec. 3, 1954	2	3	44	44	"	D	Clay stone 49; coarse sand 52.
Con V " 16	"	"	Dec. 16, 1954	2	7	38	38	Fresh	D	Clay 45; medium sand 66.
Con V " 16	"	"	Dec. 28, 1954	2	6	37	37	"	D	Clay stone 40; sand 46; clean sand 58.
Con V " 20	"	"	Jul. 19, 1954	2	4	44	30	"	D	Clay hardpan 40; hardpan stones 70. Dry hole.
Con V " 20	L.R.Gunn	W.J.George	Aug. 4, 1954	5	4	44	30	"	D	Clay stones 45; sand 54; rock 75; sand stones 86; rock 88; sand gravel 104.
Con V " 24	D.Stanton	G.L.Davidson	Jun. 18, 1953	6½	5	18	13	"	P	Sand 8; clay 28; sand clay 36; coarse and fine sand mixed 52.
Con V " 25	American Agricultural Chemical Co.	International Water Supply Ltd.	Jul. 27, 1954	7½				"	T	Brown clay 2; soft blue clay 9; gravel sand boulders streaks of clay 14; blue clay 21; boulders clay 22; blue clay gravel boulders 34; streaks of blue clay 91; blue clay gravel gravel streaks boulders 98; blue clay gravel 126; blue clay broken gravel boulders 131; blue clay 133; sandy clay hard packed gravel 181; cemented sand gravel 182; sandy clay hard packed gravel 187; cemented gravel 188.
Con V " 25	K.Sandercott	J.D.Hayden	Aug. 10, 1954	5	4	200	125	Sulphur	P	Yellow clay 5; blue clay 12; silty sand 33; hardpan 70; sand stones 74; hardpan stones 92; sand stones 103; hardpan sand 140; sand 148; hardpan 177; grey limestone 245.
Con V " 25	J.Keays	I.Lounsbury	Sep. 15, 1954	5½	18	22	18	Fresh	D	Blue clay 8; brown clay 45; sand 49; gravel 50.
Con V " 26	G.E.Crossley	H.T.Siegrist	Apr. 23, 1953	4	4	63	63	"	D	Top soil 1½; yellow clay 10; blue clay 50; sandy gravel 92; gravel 93.
Con V " 28	J.Maryfield	J.D.Hayden	Oct. 30, 1953	4	5	55	55	"	D	Yellow clay 15; blue clay 30; silty sand 45; fine sand 55; hardpan sand 79; hardpan 105; sand stones 140; hardpan 161; fine sand 170; gravel 171.
Con VI " 10	J.Turock	I.Lounsbury	Nov. 2, 1954	5½	18	12	Flows	"	D	Dug well 15; hardpan stones 28; gravel clay 56; hardpan 77; sand 77; gravel 80.

MIDDLESEX COUNTY-cont.
London Twp.cont.

Con VI	"	16	School	Johnston Well Drillers	Aug. 8, 1953	5	5	71	60	Fresh	P	Basement excavation 9' gravel 22'; sand 38'; compact sand 52'; blue clay 64'; gravel hardpan 96'; muddy sand boulders 110'; gravel clay silt 128'; gravel 130.
Con VI	"	16	London Town- ship	D.J. Hayden	Aug. 21, 1953	4	5	80	70	"	P	Clay 18'; gravel 20'; hardpan 23'; fine sand 27'; hardpan stones 40'; hardpan sand 60'; hardpan stones 106'; sand 110'; hardpan 165'; sand 185'; gravel 186.
Con VI	"	16	School	Johnston Well Drillers	Nov. 28, 1953	6	8		60	"	P	Top soil listonly red clay 4'; gravel 24'; sand gravel 38'; compact sand 50'; gritty blue clay 62'; gravel hardpan 95'; sandy clay boulders 107'; gravel muddy sand 128'; gravel hardpan 137.
Con VI	"	16	G. Edwards	"	Mar. 16, 1954	4	10	115	115	"	D	Yellow clay 12'; blue clay 24'; fine sand 27'; blue clay 37'; silt sand 45'; hardpan 98'; sand stones 136'; hardpan 150'; sand boulders 195'; brown limestone 240.
Con VI	"	17	D.B. Weldon	I. Iounsbury	Aug. 15, 1954	7	10	120	80	"	P, S	Top soil 6'; clay 58'; hardpan 106'; gravel 131'; hardpan 149'; sand 151.
Con VI	"	18	London Public Utilities Comm	International Water Supply Ltd.	Apr. 10, 1954	4	52	25	3	"	P	Top soil 1'; brown clay 3'; gravel coarse sand 8'; boulders gravel sand 9'; fine sand 13'; sandy blue clay streaks of gravel 28'; blue clay 40'; blue clay streaks of gravel 34'; clay boulders hard gravel 55'; blue clay 59'; clay boulders hard gravel 60'; hard blue clay 61'; blue clay boulders hard gravel 65'; coarse broken gravel sand boulders clay streaks 67'; cemented sand gravel boulders 71'; sandy blue clay gravel hard streaks 103'; boulders broken gravel streaks of clay 125'; big boulders 126 1/2.
Con VII	"	16	E. Anderson	R. Smith	Jul. 26, 1954	2	5	32		"	D	Clay stone 46'; hardpan 48'; medium sand 56.
Con VII	"	21	London Public Utilities Comm	International Water Supply Ltd.	Apr. 26, 1954	4	102	67	50	"	P	Top soil 1'; brown clay 6'; brown clay streaks of sand 11'; blue clay streaks of gravel 29'; gravel sand 31'; blue clay gravel sand 51'; sandy clay 90'; fine silty sand fine gravel 96'; boulders gravel sand 101'; cemented sand gravel 104'; boulders gravel clay 106'; blue clay gravel 118'; boulders clay 119'; blue clay streaks of gravel 142'; blue clay boulders gravel 147'; blue clay streaks of gravel 150'; sandy clay gravel 153'; cemented sand gravel 156'; blue clay gravel hard packed sand 166'; boulders clay gravel sand 174'; gravel sand clay 196 1/2'; cemented sand gravel 197.
Con VII	"	27	"	"	May 26, 1954	4	102	22 1/2	9 1/2	Fresh	P	Top soil 1'; brown clay 2'; blue clay gravel 13'; fine sand 16'; soft clay 19'; cemented sand gravel 20'; blue clay 24'; sand gravel 26'; streaks of clay 27'; blue clay 31'; blue clay gravel odd boulders 86'; blue clay gravel boulders 88'; blue clay gravel odd boulders 84 1/2'; cemented sand gravel odd boulders 85 1/2'; blue clay gravel 94'; gravel sand boulders 108'; gravel sand streaks of clay 114'; boulders gravel sand clay 117'; blue clay streaks of gravel boulders 124'; coarse gravel sand boulders clay 136'; boulders gravel sand 139'; cemented sand gravel boulders 148'; boulders clay gravel 151'; gravel sand clay 154'; cemented sand gravel 168'; sand blue clay gravel boulders 183.
Con VII	"	27	"	"	Jun. 16, 1954	4	36	21 1/2	5	Fresh	T	Top soil 1'; brown clay 3'; gravel sand blue clay 5'; boulders blue clay 11'; sand blue clay gravel 49'; sand 52'; sandy blue clay streaks of gravel 68'; blue clay gravel 72'; sandy blue clay gravel odd boulders 131'; gravel sand boulders clay 139'; blue clay gravel 144
Con VII	"	28	"	"	Jun. 25, 1954	7 1/2					T	gravel sand clay 148'; blue clay 151'; gravel sand boulders clay 167'; sandy blue clay gravel boulders 169'; sandy blue clay gravel 172'; boulders sandy clay gravel 175'; hard sandy clay hard gravel 183.
Con VII	"	28	"	"								Top soil 1'; gravel sand clay 11'; blue clay gravel sand boulders 16'; sand gravel 18'; sandy blue clay gravel 83'; blue clay sand gravel odd boulders 101'; cemented sand gravel streaks of clay 114'; gravel sand boulders 115'; blue clay gravel sand 117'; gravel sand boulders 120'; cemented sand gravel streaks of clay 170'; cemented sand gravel 174.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
MIDDLESEX COUNTY-cont London Twp. cont.										
Con VII lot 32	J.W. Legg	H.T. Siegrist	May 28, 1953	4	3	50	50	Fresh	D	Yellow clay 90'; quicksand 225'; clay 235.
Con VIII " 15	G. Redden	J.D. Hayden	Jan. 7, 1954	5	3	67	40	"	D	Gravel sand 7'; yellow clay 16'; sand stones 23'; hardpan 60'; gravel stones 67.
Con VIII " 22	E.H. Dampier	I. Lounsberry	Oct. 25, 1954	4	10	35	18	"	D	Brown clay 3'; blue clay 18'; heaving sand 70'; hardpan 89'; gravel 92.
Con VIII " 30	J.E. Robson	H.T. Siegrist	Jul. 21, 1953	4	3	125	111	"	D, S	Top soil 1'; yellow clay 15'; blue clay 85'; hardpan 100'; gravel 101'; sand 4'; clay 120'; gravelly hardpan 160'; gravel 161'; hard clay 195'; sand 220'; hard clay 260'; blue shale 270'; gravel 127.
Con IX " 21	F. Hime	Johnston Well Drillers	Jan. 4, 1954	4	2 1/2	48	32	"	D	Top soil 1'; stony red clay 8'; stony blue clay 22'; silt sand 38'; stony blue clay 92'; gravel muddy sand 125'; hardpan 127.
Con X " 18	J. Kennedy	"	Apr. 15, 1953	4	5	29	27	"	D	Top soil 1'; red clay 5'; stony blue clay 36'; sandy clay 45'; gravel 52'; grey shale 62.
Con X " 24	F. Macandless	"	May 11, 1953	5	4	41	27	"	D	Dug well 42'; stony blue clay 58'; sand 62 gravel sand 70;
Con X " 24	Dr. Beggs	"	Aug. 15, 1954	4	4	50	38	"	D	Top soil 2'; red clay 8'; blue clay 50'; sandy clay 58'; blue clay
Con XI " 16	E. DeBrosche	L. Hayden & Son	Apr. 10, 1953	4	5	155	155	Sulphur	D	Yellow clay 14'; fine sand 18'; clay stones 33'; hardpan stones 82'; sand 102'; hardpan sand 151'; stones hardpan 155'; grey limestone 181.
Con XI " 24	C. Little	Johnston Well Drillers	Sep. 9, 1954	4	1 1/2	45	45	Fresh	D	Fill 2'; top soil 4'; red clay 12'; blue clay 55'; silt 58'; blue clay 96'; gravelly blue clay 104'; blue clay boulders 136'; muddy gravel 138'; grey shale 139.
Con XI " 25	G. Robson	"	Jun. 10, 1953	4	2 1/2	29	29	"	D	Top soil 1'; stony red clay 12'; stony blue clay 45'; silt 54'; gravel hardpan 68'; gravel muddy sand 73'; grey shale 75.
Con XI " 26	N. St. Cyr	"	Apr. 27, 1954	5 1/2	3	144	50	"	P	Top soil 2'; yellow sand 6'; red clay 14'; silt gravel 38'; blue clay 124'; hardpan 130'; gravel sand 138'; hardpan 144.
Con XII " 9	H. Talbot	J.D. Hayden	Sep. 4, 1954	4	10	175	175	"	D, S	Old well 12'; sand stones 14'; hardpan blue clay 44'; boulders clay 82'; sand stones 94'; clay stones 116'; sand 120'; stones 126'; hardpan sand 145'; brown limestone 222.
Con XVI " 16	Reliance Petroleum Ltd	F.L. Davidson	Oct. 2, 1953	4	3	245	227	"	C	Marl 37'; gravel 45'; till 141'; shale rock 162'; limestone 263.
McGillivray Twp.										
Con V lot 5	K. McGregor	Gooding/Pedlar	Jan. 28, 1953	4	7	74	67	"	D, S	Red clay 20'; blue clay 170'; limestone 173.
Con I " 19	W. Hodgins	G.L. Davidson	Apr. 13, 1953	4	5	120	120	"	D, S	Sand 28'; till 56'; sand gravel 120'; sand 142'; hard grey rock 168.
Con X " 9	S. Maguire	Schenk Bros.	Jun. 12, 1953	4 1/2	4	100	97	"	D	Clay 65'; gravel 102'; dark limestone 119.
Con XI " 6	S. Shoudice	"	Sep. 10, 1953	4 1/2	7	90	87	Sulphur	D, S	Clay 54'; gravel 60'; clay 85'; gravel 99'; rock 115.
Con XXIV " 3	Foster Bros.	Gooding & Pedlar	Dec. 19, 1953	4 1/2	5	65	50	Fresh	D, S	Top soil 6'; blue clay 130'; limestone 135.
N.B.C. " 39	E. Bullock	A.A. Heale	Nov. 17, 1954	4 1/2	6	58	48	"	D, S	Top soil yellow clay 12'; blue clay 120'; hardpan 125 1/2'; limestone 128
Metcalfe Twp.										
Con IV lot 11	L. Clithers	S. Earl	Dec. 23, 1953	4	1 1/2	20	15	Fresh	D, S	Brown clay 12'; grey clay 109'; medium black gravel 113.
Con XII " 12	M. Gough	M. Gough	Apr. 12, 1954	4	5	40	8	"	D	Yellow clay 17'; blue clay 90'; hardpan 102'; grey limestone 141.
Con XIII " 21	N. Walker	A.A. Heale	Sep. 20, 1954	4	2	60	13	"	D, S	Top soil yellow clay 12'; blue clay 73'; hardpan 85'; black shale rock 90.
Mosa Twp.										
Con I lot 13	R. Fennell	W.J. George	Aug. 26, 1954	5	3	43	16	Fresh	D	Sand 2'; clay 83'; quicksand 87.
Con II " 17	C. Gillett	"	Jul. 23, 1953	4 1/2	4	60	18	"	D, S	Sand 3'; clay pebbles 79'; fine gravel 83.
Con III " 18	A.J. Armstrong	"	Aug. 19, 1954	5	8	30	0	"	D, S	Top soil 1'; clay 33'; sand gravel 38'; clay stones 89.
Con V " 2	A. McKellar	A.A. Heale	Jan. 8, 1954	4	2 1/2	32 1/2	16	"	D, S	Top soil yellow clay 12'; blue clay 25'; blue clay sand streaks 45'; hard grey clay 69'; hardpan gravel sand clay black shale stones 90'; black shale 95.
Con V " 3	D. Munro	"	Feb. 23, 1954	4						Yellow clay top soil 14'; soft blue clay 60'; hard blue clay 78'; hard blue clay some sand 82'; hardpan 94 1/2'; limestone 140. Dry hole.

MIDDLESEX COUNTY-cont.

Con V	lot	3	D. Munro	A.A. Heal	Mar. 12, 1954	4	77	22	Fresh	D	Yellow clay 14; blue clay 58; soft sandy clay 63; black gravel 67; blue clay 76; hardpan 88; limestone 107. Top soil yellow clay 8; sand 12; blue sandy clay 35; soft blue sandy clay 40; hard blue sandy clay 82; hardpan 95; limestone 128. Dry hole.	
Con V	"	4	M. McLean	"	Jul 7, 1954	4			"	D	Top soil yellow clay 12; blue clay 80; hardpan 97; limestone 100.	
Con V	"	4	J.A. McTavish	"	Jul. 12, 1954	4	73	16	"	D	Top soil yellow clay 12; blue clay 80; hardpan 97; limestone 100.	
Con VII	"	6	A.S. McAlpine	"	Mar. 30, 1954	4	16	16	"	D, S	Clay 70; hardpan 81.	
Con VII	"	6	"	"	Apr. 6, 1954	4	16	16	"	D, S	Clay 70; hardpan 75; boulders.	
Con VII	"	6	"	"	Apr. 10, 1954	4	16	16	"	D, S	Clay 15; sand 35; clay 70; hardpan 82.	
Con VII	"	6	"	"	Apr. 16, 1954	4	16	16	"	D, S	Clay 70; hardpan 80; rock.	
Con VII	"	6	"	"	Apr. 20, 1954	4	16	16	"	D, S	Clay 12; clay 40; sand 48; clay 70; hardpan 83.	
Con VII	"	6	"	"	Apr. 23, 1954	4			"	D, S	Clay 50; sand 55; clay 70; hardpan 75. Dry hole.	
Con VII	"	6	"	"	Oct. 2, 1954	4			"		Top soil 2; sand 12; blue clay 70; hardpan 82. Dry hole.	
Con VII	"	6	"	"	Oct. 14, 1954	4			"		Top soil 2; blue clay 43. Dry hole.	
Con VII	"	6	"	"	Oct. 18, 1954	4	43	Flows	Fresh		Top soil 2; yellow sand 15; blue clay 35; hardpan 43. Abandoned.	
LRN RI	"	2	D. McRae	J.D. Hayden	Nov. 14, 1953	4	225	20	Salt		Fine sand 20; blue clay 14; hardpan 145; gravel 145; limestone 162; soapstone 165. Dry hole.	
LRN RI	"	2	"	"	Nov. 30, 1953	4			Fresh		Yellow sand 22; blue clay 137; hardpan 139; gravel 140. Abandoned.	
LRN RI	"	2	"	"	Dec. 29, 1953	4	140	20	Fresh		Black sand 4; quicksand 13; grey clay pebbles 113; black shale 120; fine to coarse gravel 131; grey clay 147.	
Newbury	"		N. Hurdle	W.J. George	Apr. 3, 1953	4½	60	19	Fresh	D	Sand 4; clay 19; quicksand 25; clay lots of pebbles 72; black shale 73; gravel stones 83.	
Newbury	"		H. Babcock	"	May 11, 1953	5	32	19	"	D	Red sand 11; quicksand 15; grey clay pebbles 96; clay coarse stone 119; rock 131; clay 155; limestone 156; clay 180; soapstone 240. Abandoned.	
Newbury	"		J. McNaughton	"	Dec. 20, 1953	5		80	Salt		Red sand 5; quicksand 10; blue clay 125; rock 127; coarse stone 130; fine gravel 131; clay 149.	
Newbury	"		"	"	Jan. 12, 1954	5	2½	60	Fresh	D	Top soil 1; sandy clay gravel 13; hardpan 60; sandy clay gravel 100; silty sand 112; silty sand gravel 116; gravel boulders 147; hard dark-grey limestone 157; hard light-grey limestone 182; hard-dark limestone 228; light-brown limestone 270; hard grey limestone 286; dark-grey limestone 353; light-brown limestone 411; hard dark-grey limestone 450.	
North Dorchester Twp.											Clay 12; sand 26; clay stones 72; sand stones 122; grey limestone 133.	
TRN Con I	lot 1	1	School	J.D. Hayden	Nov. 18, 1954	5	10	2	Fresh	P	Top soil 1; sandy clay gravel 13; hardpan 60; sandy clay gravel 100; silty sand 112; silty sand gravel 116; gravel boulders 147; limestone 450.	
TRN Con I	"	2	London Public Utilities Comm	International Water Supply Ltd.	Sep. 22, 1954	12	335	108	50½	T	Black muck 4; fine sand 25; hardpan stones 72; grey limestone 77. Limestone 80.	
TRN Con I	"	12	W. Van Schaik	McLeod/McBeth	May 3, 1954	4½	6	10	Fresh	D	Yellow sand 10; coarse sand stones 28; sand boulders 36; clay stones 103; boulders sand 104; brown limestone 135.	
TRN Con I	"	12	J. Danowski	"	Jun. 24, 1954	4½	6	17	"	D	Sand gravel 10; hardpan boulders 68; gravel 69.	
TRN Con II	"	18	W. Novak	W.B. Dale	Aug. 6, 1954	4	3	90	36	"	D, S	Top soil 3; yellow clay 6; gravel hardpan 20; stones hardpan 45; hardpan 58; shale 59.
TRN Con III	"	8	R. Tribe	"	Aug. 30, 1954	4	5	32	29	"	D	Brown sand 75; hardpan 127; gravel 128.
TRN Con IV	"	10	Crockett/Rogers	H.T. Siegrist	Sep. 26, 1953	4	4	20	15	Sulphur	D	Top soil 2; sandy clay 22; hardpan stones 40; yellow clay 70; sand 85; hardpan 109; gravel 110.
TRN Con IV	"	14	J. Bernardo	I. Lounsbury	Sep. 24, 1953	5	110	40	40	Fresh	D	Dirty gravel 20; hardpan stones 40; fine gravel 44.
TRN Con IV	"	14	H.O. Niel	H.T. Siegrist	Oct. 5, 1953	4	8	20	18	"	D, S	Top soil 4; gravel clay 20; hardpan stones 40; white sand 46; gravel 47.
TRN Con A	"	16	K.W. Martin	McLeod/McBeth	Nov. 21, 1953	4½	5	31	31	"	D, S	Sand gravel stones 64.
TRN Con A	"	16	H. Brooks	"	Sep. 16, 1953	4	5	31	31	"	D, S	
TRN Con A	"	16	H. Brooks	"	May 14, 1954	5	6	35	27	Slight	P	

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY-cont North Dorchester Twp TRS Con A lot 17	Dorchester	International	Mar. 19, 1953	5½					T	Top soil 1:sand gravel 15;boulders sand gravel brown clay 22; blue clay sand gravel hard packed streaks 27;gravel sand 28; blue clay sand gravel hard packed streaks 39;gravel sand streaked 46;hard packed streaks of blue clay sand gravel 65;hard packed blue clay gravel sand boulders 69; cemented gravel streaks of clay 77;rock 78½. Top soil 2;gravel 25;stones yellow clay 45;sand 58;blue sand 60;sand stones 70. Abandoned.
TRS Con A " 17	H. R. Brooks	H. T. Siegrist	Oct. 30, 1953	4						Top soil 1;dirty sand 6;broken gravel sand boulders 15;sandy blue clay streaks of gravel 33;cemented sand gravel 38;blue clay hard packed sand and gravel 42;cemented gravel 44;rock. Yellow sand 8;brown clay 22;yellow sand 24;fine sand 46;clay stones 132;brown limestone 220.
TRS Con A " 17	"	"	Nov. 12, 1953	7½	20	15		Sulphur	P	Top soil 1;hardpan 45;sand gravel 50;sand 75;hard shale 80.
TRS Con A " 18	Dorchester Village	International Water Supply Ltd.	Mar. 29, 1953	4	39½	37½		Fresh	T	Top soil 2;sand gravel red clay 45;sand gravel streaks of coarse gravel 57;boulders sand gravel streaks 62;sand gravel boulders streaked hard packed grey clay 72;rock 76.
TRS Con A " 24	B. Parker	W. B. Dale	Oct. 2, 1954	4	5	44		"	C	Top soil 2;sand stones 6;brown clay 42;clay stones 104;hardpan 116;shale rock 119.
TRS Con B " 16	Dorchester Village	International Water Supply Ltd.	Apr. 1, 1953	5½					T	Top soil 1;dirty sand 6;broken gravel sand boulders 15;sandy blue clay streaks of gravel 33;cemented sand gravel 38;blue clay hard packed sand and gravel 42;cemented gravel 44;rock. Yellow sand 8;brown clay 22;yellow sand 24;fine sand 46;clay stones 132;brown limestone 220.
TRS Con B " 18	G. Simmonis	W. B. Dale	Jun. 3, 1954	4	6	27		Sulphur	Ir, D	Top soil 2;brown clay 26;yellow sand 47;soft blue clay 60; blue clay 70;fine gravel 71.
TRS Con B " 19	J. Oliver	"	Mar. 25, 1954	4	7	33		Fresh	D, S	Red and brown clay 6;blue clay 85;sand 87;yellow clay 105; sand gravel 108.
TRS Con B " 20	M. R. Smith	H. T. Siegrist	Apr. 1, 1953	4	3	57		"	S	Yellow clay 24;putty sand 28;brown clay 42;quicksand streaked with clay 110;blue clay 133;brown limestone 136.
TRS Con I " 18	A. Wilkinson	W. B. Dale	Apr. 8, 1954	4	8	25	14	"	D, S	Yellow clay 30;quicksand 96;hardpan stones 150;grey limestone 158.
TRS Con I " 18	School S #1.	J. D. Hayden	Dec. 14, 1954	4	6	48	48	"	P	Top soil 1;red sand 8;blue clay 92;sand silt 105;blue clay
TRS Con I " 21	C. Keene	Johnson Well Drillers	Jul. 12, 1954	4	4	60	52	"	D, S	150;grey shale 200;grey limestone 206.
TRS Con II " 1	H. Roulston	W. B. Dale	Jul. 22, 1954	4	7	33	29	"	D	Top soil 1;clay stones 8;yellow sand 10;clay dirty gravel 62; blue clay 68;boulders fine gravel 70;silt sand 72;granite boulders sand 108;grey limestone 112.
TRS Con III " 22	R. Thompson	WardsWaterSupply	Jan. 14, 1954	2	12	5	4	"	D, S	Clay 27;fine sand 38.
TRS Con IV " 24	School S #19	W. B. Dale	Oct. 8, 1953	4	7	160	90	"	P	Clay 50;quicksand 243;hardpan 248;sand gravel 286;sand 287;limestone.
TRS Con IV " 24	E. Denary	WardsWaterSupply	Jan. 5, 1954	2	8	16	15	"	D, S	Blue clay 39;fine sand 50.
TRS Con V " 19	A. Humphries	W. L. McBeth	Nov. 9, 1954	5½	5	65	50	"	D, S	Brown clay 40;fine sand 140;boulders blue clay 142;hardpan 149; gravel 149½.
TRS Con VI " 4	E. Moore	McLeod/McBeth	Jun. 1, 1954	5½	6	25		"	C	Black muck 4;blue clay 47;gravel 48.
TRS Con VI " 4	E. Saaler	W. L. McBeth	Jul. 1, 1954	5½	6		Flows	"	D	Yellow sand 10;clay mixed with gravel 60;clay and sand mixed 90;hardpan gravel 92.
TRS Con VI " 9	I. Charlton	E. Hoover	Jun. 22, 1954	5½	5	20	15	"	S	Red clay 25;blue clay 89;gravel 90.
TRS Con VI " 9	N. Rickard	"	Aug. 10, 1954	5½	5	65	50	"	S	Red clay 50;sand gravel 100;blue clay 134;gravel 135.
TRS Con VI " 12	Bell Telephone	I. Lounsbury	Aug. 25, 1953	5	20	14	12	"	D	Clay 60;gravel 67.
TRS Con VI " 12	C. Demaray	E. Hoover	Jan. 3, 1954	5	10	20	4	"	D	Red clay 20;blue clay 60;gravel 65.
TRS Con VI " 17	M. Shackleton	W. L. McBeth	May 20, 1954	5½	8	120	40	"	D	Brown clay 10;very fine sand 100;sand 195;hardpan fine gravel 202.
Wardsville	E. M. Ross	W. J. George	Jan. 28, 1953	6	7	6	Flows	Fresh	D	Sand 3;grey clay 8;blue clay pebbles 70;sand 72;hardpan 73½; coarse gravel 88.
Wardsville	D. Willits	G. McClure	Jul. 13, 1953	7	6	20	14	"	P	Top soil 2;clay 102;clay stones 117;hard sandstone 121.
Wardsville	E. Purdy	"	Jul. 14, 1953	7	5	20	18	"	P	Top soil 3;clay 103;clay stone 123;hard sandstone 126;sandstone 127;silt 150;hard grey shale 153.
Wardsville	A. Purcell	W. J. George	Aug. 15, 1953	4½				"	"	Red sand 7;quicksand 11;clay 114;quicksand 123;fine gravel 125;clay 151. Abandoned.

MIDDLESEX COUNTY-cont.

North Dorchester Twp. cont.			A. Purcell		W.J. George	Sep. 8, 1953	4 1/2	3	44	34	Fresh	D.	
Wardville													
Westminster Twp.	lot	21	R.B. Finch		W.B. Dale	Mar. 25, 1953	3 1/2	8	30	9	Fresh	D	Loam 2; yellow sand 23; sand gravel 62; clay 75; quicksand 76; clay 79; heavy sand 80.
BF	"	21	J.M.O. Neil		H.T. Siegrist	Nov. 19, 1953	4	4	15	10	"	D	Top soil 2; blue clay 50; brown clay 73; gravel 75.
BF	"	21	P. Sacharewicz		H.T. Siegrist	Dec. 7, 1953	4	3	15	12	"	D	Dug well 10; blue clay 50; brown clay 84; fine sand gravel 145.
BF	"	31	Ont. Dept. of Public Works		Ont. Dept. of Public Works	Apr. 18, 1954	4	4		121	Sulphur	D	Open well 30; sand gravel 50; clay 85; clay hardpan 115; hardpan boulders 120; sand gravel 125. Abandoned.
BF	"	31	"		"	Apr. 1954	6	3 1/2	90	58	Fresh	P	Clay 50; gravel clay 100; hardpan 124; soft clay gravel 126; gravel 127.
BF	"	37	W. Geise		W.B. Dale	Jan. 13, 1953	3 1/2	5	60	44	"	D	Sand gravel 37; hardpan stones 74 1/2; sand.
BF	"	42	Sanderson Bros		Johnston Well Drl	Mar. 24, 1953	4	4	70	70	"	D	Top soil 1; reddish gravel 26; reddish sand 34; blue clay boulders 37; gravel 84; blue clay 86.
BF	"	46	Byron Village		International Water Supply Ltd.	Nov. 16, 1954	2	47	29	28	"	P	Top soil 1; sand 5; coarse broken gravel w/hard cemented streaks odd boulder 31; hard cemented gravel 33; clay gravel 35; fine gravel dirty sand 55; fine gravel sand 66; hard streaked clay gravel 67; clay gravel 83; grey clay fine gravel 99; hard cemented gravel 100.
BF	"	46	W.E. Collins		"	Nov. 21, 1954	5 1/2					T	Top soil 2; sand fine gravel 13; soft sandy grey clay 16; grey clay boulders 18; coarse cemented gravel 22; grey clay fine gravel 35; clay boulders 37; grey clay fine gravel thin gravel streaks odd boulder 46; cemented gravel 47; grey clay fine gravel odd boulder 60; grey clay fine gravel 100; soft grey clay fine gravel 143; cemented gravel 145; soft grey clay fine gravel 153; rock.
BF	"	47	Byron Village		"	Oct. 8, 1954	5 1/2					T	Top soil brown sandy clay stones 8; soft silty grey clay 50; soft grey clay 72; dirty hard packed fine gravel 78; hard cemented fine gravel 83; sandy grey clay hard gravel streaks 117; very hard cemented fine gravel 154.
Con A	"	47	H. Steinburgh		H.T. Siegrist	Aug. 16, 1954	4	3	75	43	Fresh	D	Top soil 1; gravel 8; clay 40; gravel 45; grey clay 60; hardpan 72; grey clay 82; gravel 83.
Con A	"	1	School S. #1		E.E. Hoover	Jun. 10, 1954	5 1/2	3 1/2	50	40	Sulphur	P	Sand 13; clay stones 50; clay boulders 90; sand 149; gravel 150.
Con I	"	3	J.A. McGregor		Johnston Well Drillers	Jan. 20, 1953	4	4	24	24	Fresh	D	Top soil 1; red clay 3; stony blue clay 62; silt sand 70; coarse sand 76; gravel hardpan 98; grey shale 100.
Con I	"	3	"		"	Feb. 28, 1953	4	4	25	25	"	D	Top soil 1; red clay 4; stony blue clay 78; silt sand 84; sand 91; gravel hardpan 111; gravel 112; grey shale 113.
Con I	"	3	J. Tiede		E.E. Hoover	Dec. 14, 1954	5 1/2	5	50	40	Sulphur	D, S	Sand 18; blue clay 80; sand gravel 120; gravel 140; dark rock 146.
Con I	"	8	G. Campbell		McLeod/HcBeth	Jun. 16, 1954	4 1/2	6	40	30	"	D	Top soil 3; fine sand 16; hardpan 60; blue clay 90; hardpan stones 104; hard blue limestone 120.
Con I	"	13	W. Fishback		R. Smith	Jun. 17, 1954	2	4	55	55	Fresh	P	Clay stones 44; blue clay 61; fine sand 76.
Con I	"	31	R. McCartney		"	May 1, 1953	2	2 1/2	22	16	"	P	Clay stones 38; coarse sand 46.
Con I	"	31	J. McCartney		W.B. Dale	May 18, 1953	3 1/2	2			Sulphur	P	Clay stones 39; quicksand 60; clay stones 114; hardpan 168; sand 205; fine sand 207; grey limestone 232. Abandoned.
Con I	"	31	J. Hazelwood		R. Smith	Jul. 22, 1954	2	2 1/2	28	28	Fresh	D, C	Clay 40; fine sand 48.
Con I	"	44	G.M. Peckham		H.T. Siegrist	Nov. 9, 1954	5 1/2	4	113	100	"	D	Gravel 30; hardpan stones 50; sand 60; gravel stone 65; gravel 85; hardpan stones 125; gravel 126.
Con I	"	45	Byron Village		International Water Supply Ltd.	Sep. 29, 1954	5 1/2					T	Top soil brown sandy clay 8; soft sandy grey clay silt 30; grey clay hard packed fine gravel 56; hard packed fine gravel 61; grey clay fine gravel 72; sandy grey clay fine gravel 129; hard cemented dirty fine gravel clay 164; hard packed grey clay fine gravel 180; dark clay shale 193.
Con I	"	45	"		"	Oct. 20, 1954						T	Top soil 2; soft sand grey clay 77; grey clay hard cemented fine gravel 89; not very clean fine gravel 105; sandy grey clay fine gravel 120; grey clay hard fine gravel streaks of cemented gravel 167.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MIDDLESEX COUNTY-cont Westminster Twp. cont										
Con II " 25	F. Jenkins	R. Smith	Mar. 25, 1954	2	4		37	Fresh	D,S	Clay 55; fine quicksand 155; coarse sand 165.
Con II " 25	M. Wilkinson	"	Apr. 8, 1954	2	3		30	"	D,S	Clay 15; blue clay 30; sand 50; clean sand 68.
Con II " 28	B. Everett	"	Jun. 28, 1954	2	4		50	"	D,S	Clay 15; blue clay 103; hardpan 105; gravel 115.
Con II " 32	W.L. Balentyne	I. Lounsbury	Jul. 2, 1953	4	3	60	42	"	In	Clay 58; fine sand 65.
Con II " 32	"	"	Feb. 27, 1954	8			42	"	"	Old well 142; hardpan 212; dirty sand gravel 226; black shale 242; limestone. Abandoned.
Con II " 32	"	"	Mar. 27, 1954	5 1/2	12	98	32	"	In	Brown clay 3; blue clay 51; fine sand 65; blue clay 112; coarse gravel 116.
Con II " 32	"	W.J. George	Jul. 17, 1954	5			28	"	T	Clay 6; sand 8; clay 39; sand gravel 53; clay 64; gravel 66; clay 118; gravel 125; clay 151.
Con II " 37	F. Clark	W.B. Dale	Oct. 12, 1953	3 1/2	2 1/2	15	12	"	D	Brown clay 10; boulders 12; grey clay 31 1/2; sand 32.
Con II " 37	Hollandia Gdns.	I. Lounsbury	Dec. 14, 1954	5 1/2	5	22	8	"	D	Brown clay 3; blue clay 33; sand.
Con III " 1	G. Manning	R. Smith	Jun. 8, 1953	2	6	16	15	"	P	Clay 27; fine clean sand 37.
Con III " 14	J. Anger	"	Nov. 18, 1953	2	10	50	50	"	D,S	Clay 76; fine quicksand 115; fine gravel 123.
Con III " 20	F. Lipsitt	W.B. Dale	Jun. 8, 1954	4	6	19	14	"	D	Top soil 1; yellow clay 58; soft blue clay 63; blue clay 70; fine sand hardpan 76; sand gravel 77.
Con IV " 1	R. McLellan	R. Smith	Nov. 11, 1953	2	3	85	70	"	D,S	Clay stones 35; blue clay 75; hardpan 78; fine quicksand 85; fine sand 90.
Con IV " 1	D. Stouffer	"	Dec. 27, 1953	2	12	11	11	"	D,S	Blue clay 37; fine sand 51.
Con IV " 10	School S #10	W.B. Dale	Mar. 5, 1953	4				"	"	Clay 4; yellow sand 6; clay 90; quicksand 98; clay 135; sand clay 194; sand clay 225; hardpan 229; sand clay 242; hardpan 246; quicksand 272. Dry hole.
Con IV " 10	School S #10	W.L. McBeth	Sep. 8, 1954	5 1/2	10	115	90	Fresh	P	Brown clay 10; sand and clay mixed 20; blue clay 150; clay and sand mixed 228; yellow soapstone 268; dark brown soapstone 290; clay stones 303; bedrock 337.
Con IV " 20	London Public Utilities Comm	International Water Supply Ltd.	Sep. 17, 1954						T	Blue clay 23; clay gravel 32; blue clay 50; clay gravel 57; silty sand gravel 58; clay sand gravel 73; silty sand clay gravel 79; clay gravel 131; silty sand clay 135; clay gravel 159; clay gravel boulders 186; shale 202.
Con V " 7	G. Smith	R. Smith	Nov. 24, 1953	2	3	75	60	Fresh	D,S	Clay 10; blue clay 75; fine sand 86.
Con V " 14	J.A. McGregor	Johnston Well Drillers	Jul. 24, 1953	2	3		49	"	D	Top soil 1; red clay 4; gravel 50; clean gravel 61; blue clay 63.
Con V " 21	London Public Utilities Comm	International Water Supply Ltd.	Oct. 21, 1954	10	135	87	20	"	P	Earth 3; brown clay boulders 17; gravel clay boulders 25; clay gravel 30; gravel boulders clay 34; fine gravel 111; boulders 39; fine gravel 43; fine gravel 111; boulders clay 51; silty sand 58; gravel 61; gravel clay 65; gravel sand 73; fine sand grave 110; gravel clay 112; fine gravel sand 114; clay gravel sand 116; gravel sand 130; silty sand boulders clay 131; clay gravel 133.
Con V " 21	"	"	Nov. 15, 1954	10	400	35	21 1/2	"	T	Brown clay boulders 4; brown clay boulders gravel 10; grey clay gravel 33; grey clay 40; grey clay gravel boulders 45; gravel sand small boulders 55; grey clay 56; gravel sand 74; gravel clay 76; gravel sand 103.
Con V " 21	"	"	Dec. 2, 1954	10	531	43	9	"	T	Grey clay gravel 9; gravel boulders 20; gravel boulders grey clay 25; gravel boulders 31; gravel silty sand 36; gravel sand 80.
Con VI " 20	J. Johnston	R. Smith	Dec. 6, 1954	2	4	70	61	"	D,S	Clay 12; blue clay 70; fine sand 86.
Con VII " 4	J. Eunster	W.L. McBeth	Jan. 15, 1953	3 1/2	6	40	27	"	D,S	Red clay 15; blue clay 35; clay boulders 50; fine yellow sand 150; gravel sand mixed with clay 187; clay hardpan 190; coarse gravel.
Con VII " 8	I. Boug	W.B. Dale	Mar. 13, 1954	4 1/2	2	56	30	"	D,S	Top soil 1; yellow sand 5; yellow clay stones 28; quicksand clay 122; stones clay 123; heaving sand 150; fine sand 151.
Con VII " 17	R. Dalton	Wards Water Supply	Jan. 15, 1953	2	3		60	"	D,S	Clay 107; coarse sand 119.
NT RE " 71	W.T. Surh	I. Lounsbury	Nov. 30, 1954	5 1/2	6	25	4	"	D	Blue clay 37; sand.

MIDDLESEX COUNTY-cont.

Westminster Twp. cont.	W.B.Dale	Jan. 15, 1954	3 1/2	10	100	58	Fresh	D, S	Brown clay 40; boulders clay 41; blue clay 123; hardpan 124; clay 176; hardpan sand 181; sand 182. Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105.
NT RW lot 56	G. Bradish	Jan. 15, 1954	3 1/2	10	100	58	Fresh	D, S	Brown clay 40; boulders clay 41; blue clay 123; hardpan 124; clay 176; hardpan sand 181; sand 182. Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105.
NT RW " 58	R. Thomas	Nov. 13, 1954	4	8	115	72	Sulphur	D, S	Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105.
NT RW " 70	S. Zabenbaylo	Dec. 18, 1954	5 1/2	18	50	40	Fresh	D	Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105.
NT RW " 72	F. Zimmer	Dec. 28, 1953	5	6	124	87	"	D	Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105.
NT RW " 78	London Public Utilities Comm	Jan. 12, 1954	5 1/2					T	Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105.
NT RW " 78	"	Jan. 20, 1954	5 1/2	75	2 1/2	23 1/2	Fresh	T	Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105.
West Missouri Twp. Con I lot 9	Upper Thames River Cons. Auth	Mar. 25, 1954	8	30	52	31	Fresh	P	Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105.
Con I " 9	International Water Supply Ltd.	Sep. 25, 1953	5 1/2					T	Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105.
Con I " 11	J.D. Hayden	Sep. 22, 1953	4	20	45	45	Fresh	D, S	Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105.
Con II " 1	T. Kapelo	May 22, 1953	6	2 1/2	15	12	"	D, S	Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105.
Con II " 6	H. Duffin	Jul. 6, 1953	4	4	18	15	"	D, S	Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105.
Con II " 20	Delitala and Zecchini	Aug. 31, 1953	4	4	100	58	"	S	Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105.
Con III " 6	W. Goatley	Jun. 29, 1953	4	25	17	15	"	D, S	Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105.
Con III " 7	H. Henshaw	Oct. 29, 1954	4	4	40	40	Sulphur	D, S	Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27; cemented streaks brown sand gravel clay 53; greyish sand silty clay 74; grey clay sand 82; cemented sand gravel grey clay rock 105.
Con III " 16	K. Brock	Oct. 5, 1954	4	6	65	45	"	D	Black loam 2; blue clay 22; hardpan stones 298; gravel silty sand 301; hard blue rock 303. Brown sandy loam 4; blue clay 6; hardpan 66; gravel 68. Brown clay boulders 18; blue clay 34; fine gravel 35; fine sand clay 104; soft clay 200; hardpan 204; sand 218. Top soil yellow sandy clay 4; packed brown sand gravel clay 27;

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MUSKOKA DIST. cont. Franklin Twp. cont. Con XIII lot 20 Con XIV " 20 Con XIV " 20	T.J. McNut " " " "	P.C. Hammond " "	Aug. 4, 1954 Jul. 9, 1954 Jul. 16, 1954	5 5 5	7 10 5	18 45 20	5 Flows 5	Fresh " "	S D S	Clay 6; granite 23. Clay 3; grey granite 54. Clay 4; grey granite 33.
Huntsville Con B	G.R. Clark E. Berchall	F.C. Hammond "	Feb. 19, 1954 Feb. 26, 1954	5 5	4 5	56 32	27 32	Fresh "	D D	Clay boulders 36; granite 56. Clay 10; clay boulders 40; granite 51.
Medora Twp. Con 5	G.H. Green	F.C. Hammond	Apr. 28, 1954	5	1 1/2	46 1/2	6 1/2	Fresh	D	Clay 4; granite 46 1/2.
Monck Twp. Con A	M. Gibbs	F.C. Hammond	Jul. 10, 1953	5	1 1/2	24	9	Fresh	D	Sand boulders 5; grey granite 33.
Muskoka Twp. Con VII lot 28 Con VIII " 4 Con IX " 4 Con X " 14 Con XII " 2	H. Groke Can. Dep. Transp " " C.R. Rapp J. Lloyd	F.C. Hammond " " " "	Jun 2, 1953 Jul. 14, 1953 Jul. 13, 1953 May 7, 1953 Jun. 26, 1953	5 5 5 5 5	1 1/2 10 12	40 20 15 18	3 15 18	Fresh " " "	D P D	Sand gravel 4 1/2; granite 44. Quicksand 60. Dry hole. Brown sand 30; granite 40. Boulders hardpan 23; dark granite 100. Clay loam 19; granite 136. Dry hole.
Sinclair Twp. Con III lot 19	J. Walker	P.C. Hammond	Oct. 23, 1953	5	6	15	15	Fresh	P	Soil 2; granite 58.
Stephenson Twp. Con XIII lot 33	C & E Hawn	F.C. Hammond	May 13, 1953	5	4	150	75	Fresh	P	Coarse sand 42; fine sand 75; quicksand 180; fine sand 200.
NIPISSING DISTRICT Aird Twp. Con V lot 5	P. Bordowetz O. Martin H. Deschenes	Marquardt & Son W.C. Brochu " "	May 13, 1953 Nov. 16, 1953 Nov. 17, 1953	4 2 2	2 1/2 3 3	20 3 5	15 3 5	Fresh " "	D P C	Sand 25; grey granite 34. Clay 5; rock 50. Red and grey granite 52.
Cache Bay Cache Bay Cache Bay	G. Gordon R. Bain " "	Subterra Explora- tion Co. " "	Jun. 6, 1953 Jun. 9, 1953 Jun. 11, 1953	1 1/2 1 1/2 1 1/2	2 2 2	18 17	17	Fresh " "	D	Granite 99. Granite 145. Dry hole. Granite 108. Dry hole.
Caldwell Twp. Con III lot 4	A. Ethier	S. Bradley	Jul. 26, 1953	2	4	14	14	Fresh	D	Greyish soapy clay 102; whitish quicksand 125; gravel 137.
Chisholm Twp. Con VIII lot 4 Con X " 5	P. Stockill School	V.N. Muller " "	Oct. 7, 1954 Aug. 25, 1954	6 6	8 23	30 10	20 10	Fresh "	D P	Clay boulders 20; grey granite 40; red granite 54. Boulder clay 10; hard gray and red granite 40.
Orerar Twp. Con IV lot 1 Con IV " 2	A. Dupras L. Bolleau	S. Bradley " "	Feb. 15, 1954 Oct. 31, 1953	2 2	1 1/2 7	24 42	18 42	Fresh "	D, S D	Sandy clay 105; red and grey granite 161. Brown sand 2; gravel 42; grey quicksand 67; soapy grey clay 97; coarse gravel 102.
MacPherson Twp. Con II lot 4 Con VI " 3	W. Corribeau E. Phretien	S. Bradley " "	Dec. 11, 1953 Jul. 6, 1953	2 2	7 3	8 12	8 5	Fresh "	S D	Coarse gravel 32; red granite 72. Clay 24; red granite 133.
Murchison Twp. Con I lot 14	A. Bresnham	Marquardt & Son	May 28, 1953	4	5	11	8	Fresh	D	Sand 8; grey granite 20.

NIPissing DIST.-cont.

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APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ROSFOLK COUNTY--cont. Charlotteville Twp. Con I	J.Conway	R.Hodgson	Aug. 9,1954	6½	5	20	10	Fresh	D	Sand fill 3;dirty sand clay 107;clay 114;sand clay 130;limestone 136.
Con II	N.Bartholomy	"	Jun. 30,1954	8	150	200	0	"	Ir	Sand 82;clay 87;sand 110;clay 122;sand clay 192;sand 216;clay 253;white limestone 274.
Con II	W.Newland	"	Oct. 26,1954	6½	7	58	58	"	D,S	Dug well 16;yellow clay 45;gravel 65.
Con III	W.Meissac	"	Jul. 31,1954	4	6	40	36	"	D	Sand 10;coarse sand hardpan 46;sand 52.
Con III	H.Hawick	"	Oct. 1,1954	4	1	35	34	"	D	Sand 3;coarse sand 18;hardpan 24;sand 52.
Con V	H.Hutchinson	S.Linton	Nov. 22,1954	1½	5	27	27	"	D	Reddish clay 12;grey sand 37.
Con VI	W.Winter	"	Dec. 13,1954	1½	4	9	9	"	D	Yellow sand 3;fine grey sandy silt 36.
Con VII	E.Adams	C.Strome	Oct. 6,1954	5½	1	30	26	"	D	Top soil dark sand 6;clay sand 9;dry sand 12;dark fine sand 16;grey sand 26;dark fine sand 31.
Con IX	T.Jansen	S.Linton	Dec. 4,1954	1½	10	4	4	"	D,S	Yellow sand 4;fine grey sand 17.
Con IX	J.Coats	"	Oct. 29,1954	1½	5	15	15	"	D	Fine yellow sand 9;fine grey sand 15;fine gravel 24.
Con X	N.Jaques	W.Burwell	Apr. 12,1954	1½	4	15	7	"	P	Sandy loam 4;fine sand 20;blue clay 25;sand 41.
Con X	V.Jaques	"	Aug. 15,1954	1½	6	10	5	"	P	Dry sand clay 25;sand 36.
Con XI	S.Scheers	W.A.Belore	Jun. 15,1954	2	6	16	15	"	Ir	Red sand 15;grey sand 23;sand 38.
Con XII	J.Vinnai	"	May 8,1954	2	6	24	24	"	D,S	Red sand 20;grey sand 41;sand 61.
Middleton Twp. Con I	W.Cadman	G.Warren	May 5,1953	3	10	20	9	Fresh	D,C	Yellow sand 4;running sand 6;clay stone 51;quicksand 64.
Con I	C.Swatridge	"	Jul. 25,1953	3	3	40	10	"	D,S	Dry sand 6;clay 48;fine sand 54;putty sand 55.
Con I	A.Ronson	W.A.Belore	Aug. 3,1954	4	6	40	40	"	D,S	Red sand 15;putty sand 30;clay 170;rock 178.
Con I	H.Milmine	G.Warren	Aug. 20,1954	4	2½	40	15	"	C	Yellow sand 12;boulders gravel 18;grey clay 38;fine running sand 65.
Con I	F.Verbuyst	C.Strome	May 4,1954	3½				"		Yellow sand 4;loam 11;clay stone 18;sand gravel 24;fine white sand 30;silt 45. Dry hole.
Con I	C.DeClerk	W.A.Belore	Sep. 5,1953	2			67	Fresh	D	Red sand 60;putty sand 120;gravel sand 157.
Con II	E.Archinson	Belore/Burwell	Nov. 27,1953	5	3	30	15	"	D,S	Red sand 20;blue clay 40;sand 42.
Con III	S.School S #5	G.Warren	Aug. 11,1953	2			116	"	P	Old well 20;clay 96;dry sand 116;sand 128.
Con III	E.Stonkus	"	Oct. 23,1954	4	10	210	196	Sulphur	D,S	Grey clay 80;dry sand 96;putty sand 104;clay 110;putty sand 180;soft clay 246;shelly rock 247.
Con III	J.Harh	Belore/Burwell	Nov. 1,1953	1½	6	14	14	Fresh	Ir	Red sand 40;white clay 42;fine sand 52.
Con V	H.Dark	W.P.Dodge	Nov. 3,1953	2	1	26	26	"	Ir	Blue clay 60;sand 62;grey clay 90;coarse sand 98.
Con I	J.Cosmos	C.Strome	Jan. 2,1954	3½	6	2	2	"	D	Dark yellow sand 4;mixed red and white sand 9;coarse white sand 11;coarse dark-grey sand 20.
Con I	E.Troyer	W.A.Belore	Feb. 26,1953	2	4	9	9	"	D,S	Red sand 8;grey sand 25.
Con I	P.Varga	W.L.Burwell	Mar. 31,1954	1½	4	10	6	"	D	Sandy top soil 3;blue clay 10;putty sand 14;sand 36.
Con I	A.Deros	C.Strome	Jun. 15,1954	3½	1	25	15	"	D	Dark sand 2;hard soil 7;clay gravel 15;fine sand 18;sand 24.
North Walsingham Twp Con VII	V.Spriet	C.Strome	Jun. 4,1954	3½	2½	5	3	Fresh	D	Red sand 3;white sand 9;grey sand 15.
Con VII	J.Mussel	"	Jun. 18,1954	5½				"		Dark loam 8;blue clay 60;soft clay 75;soft clay putty sand 90. Dry hole.
Con VII	"	"	Nov. 18,1954	3½	2½	6	3½	"	D	Dark sand 2;red sand 5;grey sand 10.
Con IX	J.VanDamme	"	Nov. 19,1953	3½				"		Hard top soil 9;fine sand 10;hard clay 35;hard clay fine sand 76. Dry hole.
Con IX	C.Brinker	C.Strome	Dec. 22,1953	3½	2½	7	6	"	D	Red sand 5;white sand 9;sandstone 9½;dry white sand 13;grey sand 27.
Con X	J.Jiang	"	May 11,1954	3½	1½	8	6	"	D	Dark sand 4;clay stone 9;clay stone sand 12;fine sand 18.
Con XI	W.Moore	"	May 8,1954	3½	4	8	6	"	D	Dark soil 2;yellow sand 6;white sand 10;dark sand 16.
Con XI	G.Fassell	"	May 27,1954	3½	2½	13	11	"	D	Dark sand 5;clay sandstone 10;hard soil 14;fine to coarse sand 20.
Con XII	A.Verstraeten	C.Strome	Aug. 15,1953	1½			12	"	D	Clay 6;sand stone 10;grey sand 16.

NORFOLK COUNTY-cont.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORFOLK COUNTY-cont. Woodhouse Twp.cont. Con V lot 1 Con VI lot 1 Gore " 17 Gore " 18	L.Keme	R.Swayze	Mar.12,1954	6 1/4			37	Fresh	D	Sand 10;boulders 20;sand gravel 41.
	A.Leslie	"	Jan.23,1954	6 1/4	8	33	3	"	P	Sand 90;clay 116;limestone 128.
	School	"	Nov.13,1953	6 1/4	10		29	"	P	Clay 20;sand 35;gravel 41.
	S.Szillock	S.Linton	Nov.12,1954	1 1/2			32	"	D,S	Old well 12;sediment 16;blue clay 22;coarse grey sand 45.
									In	
NORTHUNDERLAND COUNTY Brighton Brighton Brighton Brighton Twp. BF lot 6 BF " 9 Con A " 24 Con A " 25 Con A " 25 Con B " 27 Con B " 27 Con B " 25 Con III " 33 Con III " 33 Con IV " 3 Con V " 9 Con VII " 3	F/R.Montgomery	J.W.Summers	Sep.17,1953	6	2		11	Fresh	B	Blue clay stones 2;blue-grey limestone 60.
	J.Entwistle	"	Sep.22,1953	5 1/2	5	6	6	"	D	Hardpan 9;grey limestone 40.
	E.T.Walsh	Bailey & Lloyd	Jul.28,1954	5	2 1/2	10	8	"	D	Grey limestone 27.
	N.Taft	Bailey & Lloyd	Jul.26,1954	5	2	11	8	Fresh	D	Grey limestone 23.
	H.Lynes	J.W.Summers	Sep.16,1953	5 1/2	4	14	9	"	D	Blue clay 7;grey limestone 40.
	J.F.George	"	Jan. 5,1954	6	2	14		"	D	Brown soil 4;large stones Gravel 20.
	J.H.Wiggers	Bailey & Lloyd	Oct.24,1954	5	8	20	12	"	D	Clay 27.
	B.Rushnell	"	Jan.28,1954	5	8	20	17	"	D	Clay Gravel 15;limestone 19;clay gravel 30;grey sand 31.
	A.L.Foggs	"	Sep.24,1954	5	1		19 1/2	"	D	Clay and gravel mixed 34.
	L.A.Hennessey	J.W.Summers	Aug.28,1953	5 1/2	5	155	154	"	D	Grey clay 16;blue limestone 66.
Campbellford Cramahe Twp. Con I lot 22 Con II " 17 Haldimand Twp. Con I lot 22 Con I " 35 Hamilton Twp. Con B lot 12 Con I " 14 Con I " 22 Con I " 25 Con I " 30 Con II " 16 Con II " 28 Con II " 28 Con II " 32 Con II " 18 Con III " 32	Trans Northern	"	Apr. 7,1954	8	5			"	D	Top soil 10;brown soil boulders 30;blue clay stones 90;running sand 175;coarse sand gravel 184.
	Pipe Line Co.	"	Feb.25,1954	6	10	104	104	"	S	Top soil loam 3;clay stones 50;quicksand 164;gravel sand 194; gravel stones 204.
	H.Taylor	"						"		Grown clay 45;gravel 47.
	Hydro-Electric	J.W.Summers	Apr.11,1953	6	12	9	9	"	P	Dug well 24;brown clay stones 69;quicksand 70. Dry hole.
	F.L.Nutton	Bailey & Lloyd	Jan.23,1953	5 1/2	2 1/2	25	23	Fresh	D	Clay 43.
	M.Wolff	"	Aug. 5,1954	5				"	D	
	W.F.Scott	C.J.Fraser	Apr.18,1953	6	20	80	40	Fresh	D	Clay 5;sand gravel 10;clay boulders 15;clay 30;limestone 80.
	W.Hill	J.W.Summers	Aug.11,1954	6	5	54	54	Fresh	D	Light-brown sandy soil 30;blue clay 65;coarse gravel 70.
	A.Bangay	"	Aug. 1,1954	6	10	15	10	"	D	Light-brown soil stones 18;fine running sand 28;coarse gravel 30.
	E.Robinson	J.W.Summers	Jun.30,1954	6	10	17	17	Fresh	D	Old well 18;grey clay gravel stones 54;fine grey clay few pebbles 70;sand coarse gravel 77.
Hamilton Twp. Con B lot 12 Con I " 14 Con I " 22 Con I " 25 Con I " 30 Con II " 16 Con II " 28 Con II " 28 Con II " 32 Con II " 18 Con III " 32		"	Jul.28,1954	6	5	25	22	"	D	Old well 12;clay stones 60;quicksand 75.
	E & V Hartley	"						"		
	W.G.Denney	J.W.Summers	Aug. 2,1954	6	15	11	10	Fresh	D	Light brown sandy soil 4;grey clay stones 16;grey clay sand gravel 18;shale 19;grey granite 40.
	R & R Laird	"	Jan. 2,1954	6	4	28	28	"	D	Brown soil stones 10;blue clay stones 70;gravel 74.
	J.Bawcliffe	R.Halford	Dec.16,1954	6	6	8	6	"	D	Clay 20;quicksand 86.
	F.Staples	J.W.Summers	Jan. 5,1953	6	5		15	"	D	Dark loam 2;brown clay sand gravel 8;grey clay 36;gravel 38.
	L.Movshin	"	Jan.8,1953	6	8	15	15	"	D	Grey clay hardpan with stones 40;grey limestone 70.
	W.Moore	W.Sanderson	Feb.23,1954	6 1/2	5	20	4	"	D	Top soil 2;blue clay stones 15;dark limestone 35.
	C.Barth	J.W.Summers	Aug.14,1954	6	10	44	20	"	D	Light brown sandy soil stones 19;grey clay pebbles 36;gravel clay 56;sand gravel 66.
	S.Philp	R.Halford	Dec. 2,1953	4				"		Dug well 20;blue clay 95;hard blue shale 105;Dry hole.
Con II " 28 Con II " 28 Con II " 32 Con II " 18 Con III " 32	"	"	Feb.20,1954	6	1		Flows	Fresh	D,S	Brown sand 2;blue clay 100;grey shale 155. Dry hole.
	"	"	Feb.24,1954	4	2			"	D	Brown sand 2;blue clay 75;gravel.
	"	"	Nov.25,1953	4	9		52	"	D,S	Brown sandy loam 8;blue clay 60;gravel.
	"	"	May 20,1954	2	2		52	"	D,S	Top soil 3;brown sand 28;grey sand 64.
	"	"	Dec.18,1954	6 1/2	2 1/2	64	20	"	D,S	Top soil 2;brown clay stones 20;stones grey clay 70;gravel 74.

Hamilton Twp. cont.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
NORTHUMBERLAND COUNTY										
Percy Twp. cont.										
Con IX lot 22	M. Moir	N.N. Faulkner	Nov. 10, 1954	6	7	18	8	Fresh	S	Top soil 2; sandy gravel blue clay 68; gravel shale 73.
Con X " 19	School S. #8	"	Mar. 7, 1953	6	6	35	15	"	P	Till 50; sand 102; gravel 105.
Con XI " 20	W. Johnston	"	Nov. 26, 1953	6	8	48	6	"	D	Old well 18; blue clay stones 50; sand gravel 76.
Con XII " 19	E. Flynn	Bailey & Lloyd	Jun. 2, 1954	5	2	8	6	"	D	Grey limestone 16.
Con XIII " 13	E. Melvin	"	May 22, 1954	4 1/2	2	8	6	"	D	Grey limestone 16.
Con XII " 13	W. Wassell	"	Jun. 4, 1954	5	2	9	7	"	D	Grey limestone 21.
Con XII " 15	H. McCann	"	May 31, 1954	5	2	8	6	"	D	Grey limestone 16.
Con XIV " 23	K. Glen	A. Kennedy	Sep. 15, 1953	5	14 1/2	14 1/2	14 1/2	"	D, S	Old well 14 1/2; light-yellow limestone 59 1/2.
Seymour Twp.										
Con I lot 5	G.F. Bailey	Bailey & Lloyd	Aug. 1, 1953	5	5	10	5	Fresh	D	Clay loam 4; white limestone 21.
Con I " 10	W. Withun	C.J. Fraser	Jul. 8, 1954	6	10	55	8	"	D	Fill 5; hardpan clay 27; limestone 55.
Con II " 11	Empire Cheese Co.	"	Jun. 30, 1954	8	40	17	17	Sulphur	In	Dug well 24; clay 30; limestone 155.
Con III " 16	C. Dunk	"	Jul. 1, 1954	8	8	17	17	"	D	Dug well 8; limestone 22. Dry hole.
Con IV " 19	T.W. Bennett	"	Jan. 4, 1954	8	1	40	18	"	D, S	Sand 2; clay 16; hardpan 20; gravel 23; limestone 60.
Con IV " 16	C. Wallace	"	Dec. 28, 1953	8	20	20	20	Fresh	D, S	Sand 5; clay 14; limestone 65.
Con IV " 20	A. Linn	"	Dec. 28, 1953	8	20	20	20	"	D, S	Till 10; limestone 75.
Con IV " 23	V. Schram	"	Apr. 10, 1953	8	3	52	27	Sulphur	D	Clay 8; limestone 52.
Con V " 7	R. Foresteel	Bailey & Lloyd	Aug. 27, 1953	8	3	52	27	"	D	Clay stone 35; grey sand 36; gravel.
Con V " 9	R. Anderson	A. Kennedy	Aug. 28, 1953	5	8	16	13	Fresh	D	Clay gravel 21; grey sand 22.
Con V " 11	L. Wilson	Bailey & Lloyd	Aug. 26, 1954	5	5	9	7	"	D	Boulders clay loam 13; gravel 15.
Con VI " 24	L. Spalla	C.J. Fraser	Nov. 27, 1954	5	4 1/2	9	6	"	D	Shale rock 4; grey limestone 27.
Con VII " 5	Milne Bros.	Bailey & Lloyd	Mar. 15, 1953	5	10	180	45	"	D, S	Clay loam 32.
Con VII " 7	M. Longmire	"	Jun. 14, 1954	5	22 1/2	80	17	"	S	Dug well 18; limestone 80.
Con VII " 12	W.F. Scott	C.J. Fraser	Apr. 15, 1953	10	20	80	17	"	S	White clay boulders 27 1/2; grey sand 28 1/2.
Con VII " 14	J. Currie	Bailey & Lloyd	Apr. 20, 1954	5	3	23 1/2	23 1/2	"	D	Limestone 12.
Con VII " 14	C. Wells	"	Apr. 2, 1953	5	8	3	3	"	D	Grey limestone 20. Dry hole.
Con VII " 14	W. Whittim	"	Sep. 14, 1953	5	4	4	4	"	In	Grey limestone 24.
Con VII " 14	O. Ben	"	Sep. 22, 1953	5	83	4	4	"	D	Clay 2; grey limestone 14.
Con VII " 14	E. Munden	"	Sep. 26, 1953	5	10	4	2	"	D	Grey limestone 10.
Con VII " 14	A.P. Pearce	"	Oct. 2, 1953	5	5	3	2	"	D	Clay sand 1; grey limestone 19.
Con VIII " 14	G. Peak	A. Kennedy	Apr. 9, 1954	5	1	16	7	Fresh	S	Grey limestone 34.
Con VIII " 14	"	Bailey & Lloyd	May 1, 1954	5	8	16	7	Sulphur	S	Limestone 16.
Con VIII " 15	J.A. Thomson	"	Jun. 22, 1953	5	1	16	6	Fresh	D	Fill 1; limestone 62.
Con VIII " 15	H. Abernathy	C.J. Fraser	Aug. 11, 1953	5	3	62	15	"	D	Dug well 7 1/2; grey limestone 62 1/2. Dry hole.
Con X " 3	O. Bra'honey	A. Kennedy	Jun. 9, 1954	5	25	6	20	"	D	Dug well 16 1/2; grey limestone 90. Dry hole.
Con X " 3	"	"	Jun. 15, 1954	5	6	6	6	"	P	Fill 18; limestone 95.
Con XII " 13	Can. Dpt. Transp.	C.J. Fraser	Aug. 23, 1953	5 1/2	1	20	8	"	D	Black clay loam 8; limestone 19.
Con XIV " 14	A. Mullock	A. Kennedy	Jun. 9, 1953	5	3	18	17	"	D	Soil 7 1/2; limestone 26 1/2.
Con XIV " 15	G. Burma	"	Aug. 23, 1953	5	1	20	8	"	D	Dug well 17; grey limestone 40.
Con XIV " 15	K. Brownell	"	Sep. 6, 1954	5	3	18	17	"	D	Clay loam boulders 14; shale limestone 31 1/2.
Con XIV " 15	W. Wright	"	Sep. 7, 1954	5	3	26	26	"	D	Red clay 8; grey limestone 49. Dry hole.
Con XIV " 15	J. Brown	"	Aug. 30, 1953	5	3	26	26	"	D	Red clay 8; grey limestone 48.
Con XIV " 15	W. Bud	"	Sep. 3, 1953	5	3	26	26	"	D	Hardpan boulders 21; white limestone 24.
Con XIV " 15	D. Part	"	Sep. 8, 1953	5	3	26	26	"	D	White clay sand 15; yellow limestone 20.
Con XIV " 15	M. Levesque	"	Sep. 10, 1953	5	1	18	15	"	D	Clay loam sand boulders 19; shale limestone 23 1/2.
Con XIV " 15	Gore	"	Aug. 19, 1954	5	10	14	10	"	D, S	Old well 15; hardpan gravel 31.
Con XIV " 15	H. Buchanan	"	Nov. 20, 1953	5	1	14	14	"	D	Dug well 18; reddish-brown sand mixed w/ clay 31; grey limestone 40.
Gore	H. McKewan	"	Sep. 19, 1953	5	1	14	14	"	D	

NORTHUMBERLAND COUNTY—cont.

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1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ONTARIO COUNTY--cont.										
East Whitby Twp.--cont.										
Con IV lot 10	Camp Samac	Hoskin Bros.	Oct. 2, 1954	36			10	Fresh	D	Sandy loam 1½; subsoil 2; sand clay 10; sand 25.
Con IV " 11	G. James	"	Jun. 7, 1954	36			4	"	D	Sandy fill 4; sandy loam 5; subsoil 6½; sand clay 10; sand 18.
Con IV " 11	C. McCullough	"	Sep. 10, 1954	36			17	"	D	Gravel fill 2; sand loam 3; sandy subsoil 3½; gravel 12; grey clay 12½; sand clay 15; sand 30.
Con IV " 11	"	"	Sep. 17, 1954	36			0	"	D	Fill 2; clay loam 3; subsoil 4½; gravel 10; clay gravel 30; sand clay 32.
Con IV " 11	Camp Samac	"	Sep. 28, 1954	36			24	"	D	Gravel 3; clay gravel 25; sand clay 29.
Con IV " 11	"	"	Sep. 29, 1954	36			24½	"	D	Fill 4; clay stone 6; gravel 10; clay gravel 23; sand clay 27½.
Con IV " 11	W. Wirthing	"	Nov. 6, 1954	36			20½	"	D	Clay loam 1; subsoil 2; gravel clay 12; sand clay 18; sand 22½.
Con IV " 12	D. P. Scott	"	Sep. 10, 1954	36			30	"	D	Sand loam 1½; subsoil 2; sand 12; sand clay 15; clay hardpan 30; clay sand 35.
Con IV " 14	W. Mallranko	"	May 31, 1954	36			8½	"	D	Clay loam 1½; subsoil 2; clay 14; clay gravel 16½.
Con IV " 16	L. Zukowski	"	May 15, 1954	36			Flows	"	S	Sandy loam 1; subsoil 1½; sand 5; sand clay 15; sand 30.
Con V " 9	J. Starkoski	"	Jun. 17, 1954	36			41	"	D	Sandy soil 1; subsoil 1½; sand clay 20; sand 45.
Con V " 9	W. Mountjoy	"	Nov. 8, 1954	36			43	"	D	Sandy loam 1½; subsoil 2; sand clay 11; clay 25; sand clay 35; sand 53.
Con V " 10	L. Fowler	"	Aug. 10, 1953	36			17	"	D	Gravelly loam 2; gravel 5; gravel clay 15; clay grey sand 20.
Con V " 10	J. Glover	"	Aug. 19, 1953	36			15	"	D	Gravel loam 1½; gravel 5; gravel clay 17; sand grey clay 20.
Con V " 10	H. Farndale	"	Aug. 31, 1953	36			12½	"	D	Gravelly loam 2; gravel 5; gravel grey clay 25; grey clay sand 27½.
Con V " 10	J. Glover	L. R. Hoskin	Nov. 8, 1954	36			15	"	D	Fill 2; gravelly loam 3½; gravel 10; grey clay 16; sand 18; grey clay 20.
Con V " 13	Nat. Stud Farm	Hoskin Bros.	Aug. 8, 1953	36			10	"	D	Clay loam 2; clay stone 15; clay stone hardpan 50.
Con V " 13	School	"	Aug. 10, 1953	36			20	"	P	Clay loam 1½; brown subsoil 2½; clay gravel 15; clay hardpan stones 25; grey sand 27½.
Con V " 13	Nat. Stud Farm	G. Hart & Sons	Feb. 21, 1954	6	5	117	Flows	"	D	Dug well 45; sand 115; gravel 117.
Con V " 13	"	"	Mar. 18, 1954					"		Dug well 22; blue clay 75; sand layers of gravel 17½; black shale 210. Abandoned.
Con V " 15	A. Hunter	Hoskin Bros.	Jun. 1, 1954	36			7½	"	S	Clay loam 1½; subsoil 2½; clay gravel 10; sand 17½.
Con V " 15	"	"	May 18, 1954	36			33	"	D	Clay loam 1½; subsoil 2½; coarse sand 3½; sandy clay 15; clay 27; layers of clay 31; sand 35.
Con V " 17	J. D. Houghton	W. Sanderson	Nov. 2, 1953	6½	18	40	20	"	D	Old well 18; blue fill 64; coarse sand gravel 65.
Con VI (Colombus)	East Whitby Township Hall	Hoskin Bros.	Sep. 12, 1954	36			3	"	D	Clay loam 1; subsoil 1½; grey clay loam 10; clay 20; clay stone 27; sand 30; clay 35.
Con VI " 12	"	"	Sep. 12, 1954	36			19½	"	D	Clay loam 2; subsoil 4; clay stones 18; grey clay 17; sand 22½.
Con VII " 15	M. Scott	"	Apr. 23, 1954	36			23	"	D	Clay loam 2; subsoil 3; clay stones 28; sand clay 32½.
Con VII " 15	G. Dennis	"	Dec. 2, 1954	36			14½	"	P	Clay loam 1; clay subsoil 2; clay stones 10; sand 10½; clay 15; sand 15½; clay 22½.
Con IX (Haglan)	Community Recreation Assn.	"						"		
Para Twp.										
Con B lot 14	G. Gilchrist	W. H. Baldwin	Nov. 20, 1953	6	1½		14	Fresh	D	Brown clay shale 12; grey limestone 30.
Con C " 13	W. C. Stratton	F. R. Bowdoin	Jun. 6, 1953	4½	3		15	"	D	Brown clay 5; blue clay stones 19; limestone 39.
Con C " 21	S. Moore	L. J. Howell	Aug. 20, 1953	3	18		3	Sulphur	D	Black muck 7; fine sand 25; blue clay 35; limestone 58.
Con VII " 26	A. Lavine	P. C. Hammond	Jul. 16, 1953	5	33		4	Fresh	D	Clay shale rock 31; gravel 33.
Con VII " 10	T. Harrington	A. R. Payne	Nov. 21, 1953	2	38		10	Sulphur	D, S	Grey clay 9; limestone 38.
Con VIII " 10	"	L. J. Howell	Jul. 16, 1954	4	2		15	"	D, S	Old well 30; limestone 35.
Con VIII " 12	J. McGowan	A. R. Payne	Oct. 28, 1954	4	2		13	Fresh	D, S	Dug well 35; limestone 75.
Con IX " 21	P. Clark	"	Oct. 12, 1954	4	10		20	"	D	Grey clay boulders 40; limestone 44.
Con IX " 25	M. Peskin	L. J. Howell	Aug. 5, 1953	4	7		12	"	S	Harpan boulders 30; shale rock 33; limestone 47.
Con IX " 30	O. J. Miller	A. R. Payne	Jun. 15, 1954	4	7		9	"	D	Blue clay 44; limestone 44½.
Con X " 20	M. Barnes	L. J. Howell	Aug. 13, 1954	4	7		12	"	In	Grey clay boulders 15; limestone 30.
Con X " 25	J. Strath	"	Jul. 28, 1954	4	3		20	"	S	Harpan boulders 70; limestone 75.
Con X " 29	A. Byers	A. R. Payne	Jun. 15, 1953	4	3		15	"	D, C	Old well 24; clay boulders 34; limestone 46.

ONTARIO COUNTY-cont.

Locality	Lot	W. Misinchuk	L. J. Howell	Jul. 3, 1954	4	12	19½	18	Fresh	D	Description
Mara Twp. cont.											
Con XI	31	A. MacDonald	A. R. Payne	Oct. 9, 1954	4	5	30	30	"	D	Hardpan odd stones 50; limestone 84.
Con XIII	"	F. P. Healy	"	Nov. 1, 1954	4	3	20	10	"	D	Grey clay boulders 50; limestone 60.
Con XIII	"	A. Cook	"	May 20, 1954	4	4	20	12	"	D	Grey clay 16; limestone 26.
Oshawa											
Pickering Twp.											
Con I	2	School S. #1	Hoskin Bros.	Dec. 21, 1953	36			10	Fresh	D	Clay loam 2; clay gravel 9; sandy gravel 20.
Con III	"	U. Blake	Hoskin Bros.	Feb. 25, 1954	36				Fresh	P	Clay loam 2; subsoil 3; clay gravel 15; gravel sand 21½.
Con III	"	S. Monacatt	"	Nov. 3, 1953	36			7	"	S	Black loam 2; gravel 6; clay gravel 20; soft grey clay 29.
Con III	"	R. A. Borne	N. N. Faulkner	Aug. 15, 1953	64	4	46	25	"	D	Dug well 25; clay stones 65; gravel 66.
Con IV	"	G. Carson	Hoskin Bros.	Jun. 3, 1954	36			26½	"	D	Fill 3; gravel loam 5; subsoil 6½; clay sand 27½; sand 31½.
Con IV	"	J. I. Iott	Hoskin Bros.	Aug. 20, 1953	36			17	"	S	Clay loam 2; clay gravel 20; clay stone 22½.
Con V	"	"	Pickering Drilling Contractors	Nov. 17, 1953	36	½	50	13	"	D	Dark sandy soil 2; brown clay 12; grey clay 77; coarse sand little gravel 84.
Con V	"	"	Hoskin Bros.	Nov. 27, 1953	36			60	"	P	Loam 1½; subsoil 3; stone clay sand 65; hard sand 70; grey sand 72; clay hardpan 73; quicksand 74.
Con V	"	G. Stewart	C. E. Snider	Nov. 18, 1954	64	60		1	"	T	Top soil 3; sandy gravel 6; cemented gravel boulders 9; shallow layers of gravel 10; cemented gravel 17; loose gravel 23; boulder clay 32; blue clay 65; fine black sand 85; silt sand clay 100.
Con V	"	"	R. W. Renwick	Mar. 28, 1953	4	7	20	18	"	D	Old well 65; fine sand gravel 70; clay 80; coarse gravel 85.
Con V	"	A. Calvert	E. W. Ludwig	Jun. 16, 1953	4	8	13	13	"	D	Hardpan hard grey clay 50; greyish-white sand some boulders 62;
Con V	"	"	"	Sep. 16, 1953	4	6	25	10	"	D	Gravel 70.
Con V	"	"	"	Nov. 2, 1954	36			34½	"	D	Hardpan 45; sand 60; gravel 72.
Con VI	"	"	Hoskin Bros.	Sep. 11, 1953	4	1	25	Flows	"	D	Fill 1; clay loam 2½; clay stones 20; grey clay 28; blue clay 40;
Con VI	"	"	Pickering Drilling Contractors	Sep. 11, 1953	4				"	D	Dark loam 1; brown clay 3; grey clay 30; fine sand 35; grey clay 95.
Con VI	"	"	Hoskin Bros.	Aug. 10, 1954	36			44½	"	D	Sandy loam 1; subsoil 1½; rusty sand clay 10; clay gravel 24;
Con VI	"	"	E. W. Ludwig	Dec. 2, 1954	6				"	D	Hard sand 47; quicksand 57½.
Con VI	"	"	"	Dec. 18, 1954	6				"	D	Hardpan clay stones 30; sand 110. Dry hole.
Con VI	"	"	Huffman & Sons	Jun. 9, 1954	44				"	D	Hardpan clay stones 80; sand 120. Dry hole.
Con VI	"	"	"	Jun. 21, 1954	44				"	D	Stones clay 15; yellow sand 59; grey sand 74; gravel 76; grey sand 96; sand gravel 105; sand 120. Dry hole.
Con VI	"	"	"	Jul. 7, 1954	44				"	D	Gravel 15; blue clay 130. Dry hole.
Con VI	"	"	"	Nov. 11, 1953	44				"	D	Sand gravel 50; sand 80. Dry hole.
Con VI	"	"	E. W. Ludwig	Sep. 1, 1954	44				"	D	Hardpan 70; blue clay 90; sand 110; gravel 116.
Con VI	"	"	"	Sep. 18, 1954	44				"	D	Hard clay 100; sand 155; gravel 135.
Con VII	"	"	Hoskin Bros.	Jan. 7, 1954	36				"	S	Heavy loam 1½; subsoil 3; hard grey clay 21; soft grey clay 23;
Con VII	"	"	"	Feb. 10, 1954	36				"	D	Hard grey clay stones 45; gravel 49.
Con VII	"	"	"	May 15, 1953	4	½	255	26	"	D	Black loam 18; subsoil 1; grey clay 15; hard clay gravel 27½; clay gravel 40.
Con VII	"	"	R. W. Renwick	May 29, 1953	4	4	30	12	"	D	Brown sandy soil 26; blue clay 62; blue shale 255.
Con VII	"	"	E. W. Ludwig	Jan. 29, 1954	4			63	"	D	Brown sandy soil 20; blue clay 36; gravel 40.
Con VII	"	"	"	Jun. 15, 1954	4	10	7	6	"	D	Brown clay boulders 23; boulders stones 60; blue clay 93; black shale 123. Well later went dry.
Con VII	"	"	A. R. Payne	Jun. 15, 1954	4				"	D	Yellow clay boulders 24; limestone 29.
Con VII	"	"	L. J. Howell	Jan. 3, 1953	4	7	15	7	"	D	Clay 4; limestone shale 16; limestone 40.
Con VII	"	"	W. Sanderson	Nov. 11, 1954	64	30	30	12			

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING TEST METER	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
ONTARIO COUNTY-cont.									
Scott Twp.	P. Brooks	P.R. Roadway	Jun. 12, 1954	5½	3	70	66	D, S	Sand gravel 60; quicksand 80; clay sand 115; clay gravel 120; clay 125; gravel 131.
Con I	"	"	Sep. 19, 1953	5½	4	64	58	D, S	Dug well 37; boulders clay 62; hardpan 75; gravel 79.
Con II	B.E. Hopkins	"	Nov. 29, 1953	5½	4	58	55	D, S	Sand 4; brown clay stone 30; sand 50; sandy clay 60; coarse sand gravel 75.
Con IV	D.L. Stiver	"	Nov. 25, 1953	5½	5	50	48	D, S	Old well 51; sand gravel 68.
Con V	T. O'Beirn	Keswick Well Drill.	Apr. 18, 1953	4	6	38	34	D, S	Sand 6; gravel 55.
Con VI	J. Wilson	F.R. Roadway	Apr. 18, 1954	5½	6	38	30	P	Dug well 34; clay stone 60; coarse sand 95.
Con VII	School S.#8	"	Oct. 6, 1953	5½	4	65	60	D, S	Dug well 32; blue clay 140.
Con VIII	D. Fawns	Keswick Well Drilling	Apr. 9, 1954	4	3	15	15	C	White clay stone 17; gravel 30; coarse sand 40; gravel streaks of clay 45; grey gravel 55; clay small stones 66; gravel 67.
Con IX	British	"	Sep. 20, 1954	36			17½	P	Clay loam 1½; subsoil 2; grey clay stone 46; sand 47½.
Con X	School S.#1	Hoskin Bros.	Jul. 24, 1953	36			15	D	Clay loam 1½; clay 3; sand 9.
Con XI	E. Fellows	"	Jul. 24, 1953	36			18	D	Clay loam 2; clay gravel 5; gravel sand 17½.
Con XII	H. Eden	"	Sep. 14, 1954	36				D	Black loam 1; subsoil 1½; clay 8; gravel 9½; clay gravel 17; sand clay 20.
Seavoy Twp.									
Con I	J.K. Ogle	P.R. Roadway	Jun. 10, 1953	4½	2½	22	18	D	Red sand clay 8; blue clay hardpan 45; limestone 48.
Con II	R. Prano	Keswick Well Drl.	Jan. 16, 1954	4	1	33	15	D	Medium gravel 38.
Con III	B. Morrison	F.R. Roadway	Jul. 15, 1953	4½	1½	32	22	D	Clay 18; blue clay stone 70.
Thorah Twp.									
Con I	J. Morrison	D. Graham	Sep. 7, 1953	2	3		135	D, S	Sand 150.
Con II	M. Stewart	"	Dec. 17, 1954	2	3		25	D	Sand 35.
Con III	B. Lambton	G. Pockler	Dec. 11, 1954	2	3		69	D, S	Dug well 62; clay gravel 87; coarse sand 91.
Con IV	H.E. Bunker	D. Graham	Apr. 14, 1954	2	2	100	100	D, S	Sand stones 100; sand 110.
Con V	J. Wilson	"	Nov. 12, 1953	2	3	60	60	D	Grey sand 30; grey clay 60; grey sand 70.
Con VI	M. Maye	"	Apr. 21, 1954	2	3	65	65	D	Sand 75.
Con VII	M. Evans	"	Aug. 25, 1954	2	3	75	75	D, S	Dug well 40; sand 85.
Con VIII	L. Gray	"	Nov. 20, 1953	2	4	15	15	D, S	Sand 110.
Con IX	W. Symes	"	Aug. 12, 1954	2	3	90	90	D, S	Clay 90; sand 97.
Con X	S.A. Watt	B. Roffey	Jun. 29, 1953	2	4			D, S	Brown clay 20; brown sand 50; blue sand 125; hardpan 167; blue sand layers of clay 213; hardpan some stones 253. Abandoned.
Con XI	B. Sandwell	G. Pockler	Nov. 1, 1954	2	3	28	25	D	Pipe sand 25; sand gravel 65; clay and coarse sand mixed 75.
Con XII	G. Ewen	P.R. Roadway	Jun. 29, 1953	4½	5	45	35	D, S	Dug well 40; hardpan 140.
Con XIII	B. S. Wilson	D. Graham	Oct. 15, 1954	2	2	95	95	D	Sand 105.
Con XIV	C. Trenka	"	Nov. 6, 1953	2	3	95	95	S	Grey sand 100; sand 110.
Con XV	H. Jot	D. Graham	Jun. 22, 1953	2	3	15	15	D	Grey sand 40; sand 55.
Con XVI	V. Kennedy	"	Jun. 26, 1953	2	3	15	15	D	Grey sand 55.
Whitby Twp.									
Con I	C. Blackburn	Huffman & Sons	Aug. 20, 1954	6	6	28	18	D, S	Yellow clay 8; blue clay 40; coarse gravel 43.
Con II	G. Taggart	Hoskin Bros.	Jul. 12, 1953	36			16	D	Sandy loam 1; sand 22½.
Con III	F.L. Cowan	"	Oct. 2, 1954	36			15	D	Sandy loam 2; subsoil 2½; sandy clay 10; sand 10½; gravel clay 15; gravel 20.
Con IV	J. Pallister	"	Nov. 30, 1953	36			11	D	Heavy clay loam 2½; clay stone 30; sand clay 34.
Con V	D. Brunt	"	Jun. 29, 1954	36			20	D	Sandy loam 1; subsoil 2; sand clay 20; sand 23.
Con VI	E.W. Coady	G. Hart & Sons	Apr. 12, 1953	6	5	37½	4	D	Brown clay 6; blue clay 36; gravel 37½.
Con VII	R. Latimer	Hoskin Bros.	May 1, 1954	36			26	D	Clay loam 1½; subsoil 2½; clay gravel 10; blue clay stone 25; sand gravel 30.
Con VIII	F. White	"	Apr. 20, 1954	36			6½	D	Sandy loam 1½; sand 11½.

ONTARIO COUNTY-cont.

Con V	lot 18	A. Branley	Hoskin Bros.	Sept. 12, 1953	36		20	Fresh	D	Gravelly loam 1; subsoil 3; gravel sand 10; grey clay gravel 20; gravel 23; sand 25. Clay loam 1½; claystone 20; clay sand 22½. Clay loam 2; grey clay gravel 5; grey clay stone hardpan 20; sand clay 22½. Dug well 19; grey clay 40; gravel 46. Clay loam 1½; subsoil 2½; sand grey clay 17; sand stones 23½. Clay boulders 100; soupy clay 200; quicksand 25; hard clay 255. Dark soil 2; reddish sand 11; blue clay stones 6; gravel 71. Top soil 2; grey clay stones 40; gravel 42. Dark soil 2; sand 11; clay few stones 6; gravel 71. Soil 2 blue clay odd boulders 91. Dry hole. Dark soil 2; clay few stones 202. Dry hole. Black loam 2; subsoil 3½; grey clay 18; fine grey sand clay 27; blue clay gravel 35. Sandy loam 1½; subsoil 3; sand 25; sand clay 35; sand clay stones 75; coarsesand gravel 80. Sandy loam 1; subsoil 1½; clay sand 4; sand 20.
Con V	" 22	E. Down	"	Apr. 16, 1954	36		2	"	D	20; gravel 23; sand 25.
Con VI	" 23	L. McBrien	"	Aug. 12, 1953	36		7	"	D	Clay loam 2; grey clay gravel 5; grey clay stone hardpan 20; sand clay 22½.
Con VI	" 24	R.V. Young	M.N. Faulkner	Jun. 11, 1954	6½	13	18	"	D	Dug well 19; grey clay 40; gravel 46.
Con VI	" 24	D. Nesbitt	Hoskin Bros.	Jul. 16, 1954	36		13½	"	D	Clay loam 1½; subsoil 2½; sand grey clay 17; sand stones 23½.
Con VI	" 24	Canadian Oil Co	R. Halford	Sept. 10, 1954	4	8	50	"	D, C	Clay boulders 100; soupy clay 200; quicksand 25; hard clay 255.
Con VI	" 24	Meadowcrest	J.W. Summers	Nov. 8, 1954	6	50	9	"	P	Dark soil 2; reddish sand 11; blue clay stones 6; gravel 71.
Con VI	" 24	Homes Ltd.	M.N. Faulkner	Dec. 27, 1954	6½	5	32	"	D	Top soil 2; grey clay stones 40; gravel 42.
Con VI	" 24	Meadowcrest	J.W. Summers	Dec. 31, 1954	10	90	61	"	P	Dark soil 2; sand 11; clay few stones 6; gravel 71.
Con VI	" 25	"	"	Dec. 9, 1954	8			"		Soil 2 blue clay odd boulders 91. Dry hole.
Con VI	" 26	"	"	Nov. 27, 1954	6			"		Dark soil 2; clay few stones 202. Dry hole.
Con VIII	" 26	G. Fisher	Hoskin Bros.	Jan. 14, 1954			17	Fresh	D, S	Black loam 2; subsoil 3½; grey clay 18; fine grey sand clay 27; blue clay gravel 35.
Con IX	" 2	R. Lynde	"	Apr. 21, 1954	36		71	"	D	Sandy loam 1½; subsoil 3; sand 25; sand clay 35; sand clay stones 75; coarsesand gravel 80.
Con IX	" 26	K. Gaudaur	"	Dec. 1, 1954	36		14	"	D	Sandy loam 1; subsoil 1½; clay sand 4; sand 20.
OXFORD COUNTY.										
Blandford Twp.										
Con I	lot 8	M. Ball	A.E. Haskell	Oct. 12, 1954	4	10	50		D	Red clay 28; blue clay 64; hardpan 91; limestone 103.
Con I	" 11	A. McCurdy	A. Ghent & Son	Dec. 23, 1953	5	4	80		D	Brown clay 10; sand 15; brown clay 57; hardpan 62; blue clay 75; sand 93; hardpan 101; clay boulders 119; grey limestone 124.
Con I	" 11	H.W. Clark	M. Stevenson	Jul. 26, 1954	5	6	56	"	D	Top soil 3; yellow clay 15; blue clay 85; quicksand 115; sand gravel 17½.
Con I	" 11	K. McConkey	"	Jul. 30, 1954	5	5½	48	"	D	Yellow clay 12; blue clay 49½; quicksand 72; sand 82; sand gravel 90.
Con I	" 12	N. Post	A.E. Haskell	Jul. 26, 1954	7	7	17	"	D	Clay 4; dirty sand clean gravel 22.
Con I	" 13	H. Bird	S. Rennick	Nov. 23, 1953	3½	8	45	"	D	Clay stones 24; red clay 66; hardpan 82; shale 84; limestone 176.
Con I	" 14	R. Solisol	A. Ghent & Son	Sept. 15, 1953	3½	5	15	"	D	Clay boulders 25; clay small stones 46; clay sand 65; hardpan 69; running sand 78; clay 87; running sand 92; clay 100; limestone 104.
Con I	" 14	C.E. Houser	M. Stevenson	Dec. 11, 1954	4	3	55	"	D	Yellow clay 14; coarse gravel 15; blue clay 54; sandy clay 66; quicksand 91; putty sand 104; limestone 117.
Con I	" 15	J. Curscik	A.E. Haskell	Jan. 19, 1954	4	8	22	"	P	Stones clay 21; hardpan 52; dirty sand 79; hardpan 88; shale 92; limestone 155.
Con I	" 5	S. Pigon	"	Apr. 9, 1954	4	4	110	"	D	Red clay 23; blue clay 91; sand 94; soft clay sand 128; hardpan 221; gravel 222.
Con III	" 5	B. Kras	"	Mar. 23, 1954	4	8	50	"	D	Sand 14; clay 41; soft sand clay 100; blue clay 149; hardpan 178; blue dolomite 181.
Con III	" 10	M.R. Schmidt	S. Rennick	Jun. 10, 1953	4	10	33	"	D	Clay boulders 17; dirty gravel 39; clay boulders 56; hardpan 77; rock slabs clay 83; limestone 112.
Con X	" 1	W. Routley	A.E. Haskell	Jun. 7, 1954	4	8	60	slight	D	Clay 22; sand 87; hardpan 147; sand 150; blue clay 188; black shale 194.
Con XI	" 1	H. Moss	"	Sep. 22, 1954	4		60	Salphur	D	Old well 16; clay 76; hardpan 186; shale 199; limestone 244; black rock 242. Abandoned.
Con XII	" 8	R. Vance	H.A. Kerr	Aug. 8, 1953	4	15	20	slight	D, S	Stones clay 28; gravel 50; till 85; fine and coarse sand streaks 104; rock 132.
Con XIII	" 7	R. Racey	"	Mar. 8, 1954	4	15	40	Fresh	D, S	Clay 30; sand 32; hardpan 82; coarse sand 90; hardpan 105; rock 138.
Con XIV	" 6	P. Kwanick	"	Jul. 25, 1953	4	15	22	"	D, S	Clay 28; stones clay 40; sand 42; boulders 43; stones clay 80; sand 120; shale 128; rock 148.
Con XIV	" 9	H. Weil	"	Sep. 23, 1954	4	15	22	"	D, S	Stony clay 40; boulders clay 97; limestone 120.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY-cont. Blenheim Twp.	R.Mathewson	J.Stefan	Nov.18,1953	6	5	21	18	Fresh	D	Hard clay stones 40;hard medium gravel 41.
	Con I lot 12	"	Jun. 8,1954	6	5	18	16	"	D	Sand hard clay 35;coarse gravel 36.
	Con I " 12	M.B.Hooper	Jul.21,1954	4	4	51	12	"	D	Brown clay 42;clay stones 46;quicksand 69;fine gravel 71.
	Con I " 13	J.Stefan	Jun.14,1954	4	2½	35	20	"	D	Clay boulders 28;clay gravel 34;hard clay sand 49;coarse gravel 50.
	Con I " 13	"	Jun.30,1954	6						Clay stone 30;mucky clay sand 57. Dry hole.
	Con I " 13	Board of Trade	Jul. 5,1954	6	5	24	22	"	P	Hard clay 28;blue clay 33;coarse sand gravel 34.
	Con I " 13	"	Nov.23,1953	6	4	15	13	"	D	Clay stones 26;medium gravel 27.
	Con I " 24	A.Laird	Dec. 1,1953	6	5	40	23	"	D	Yellow sand 12;sandy clay 23;blue clay 50;shale 63.
	Con III " 4	"	Aug. 5,1953	4	2½	35	16	"	D	Yellow sand 5;clay stones boulders 55;clay small stones 136;rock 140.
	Con IV " 16	C.Miltin	Apr.20,1954	4	10	50	40	"	D	Clay stones 10;blue clay 53;dirty sand 58;hardpan 69;dirty sand gravel 98;hardpan 122;blue clay 184;hardpan 201;limest.202
	Con V " 22	J.Basina	Apr.27,1954	4	10	40	32	"	D	Sand clay 55;hardpan 124;dirty sand gravel 138;blue clay 202;shale gravel 203.
	Con VI " 13	S.Rennick	May 28,1953	4	5	25	18	"	D	Red clay 24;blue clay 41;dirty sand clean gravel 66.
	Con VI " 13	"	Jul. 4,1953	4	5	75	68	"	D	Clay sand 34;hardpan 132;blue clay 146;dirty gravel 150;
	Con VII " 13	"	May 13,1954	4	10	110	95	"	D	Blue clay 166;dirty sand gravel 180.
	Con X " 24	A.E.Haskell	Nov.13,1953	5	7	20	15	"	D	Red clay 23;hardpan 34;dirty sand gravel 80;hardpan 122;clay sand 176;blue clay 236;shale 242.
Dereham Twp.	Con X " 24	"	Nov.13,1953	5	10	12	7	"	D	Sand 80.
	Con XII " 19	C.McCormick	Sep.28,1954	5½	7	20	15	"	D	Old well 10;blue clay 31;gravel 33.
	Con XIII " 9	K.McLennan	Jun.18,1954	6½	20	60	18	"	D	Dug well 22;quicksand 65;coarse sand 71.
	Con XIII " 10	M.Jaeger	Feb. 3,1954	4	15	90	78	"	D,S	Brown clay 18;sand 23;brown clay 36;hardpan 98;coarse sand 230;rock 248.
	Con XIII " 18	S.Rennick	May 12,1953	4	6	15	7	"	D	Sand clay 16;blue clay 37;hardpan 51;gravel 53.
	Con XIII " 18	A.E.Haskell	May 27,1954	4				"	D	Sand gravel 12;soft hardpan 38;sand 55;hardpan 129;blue shale 172;rock 178.
	Con XIII " 18	"	Sep.24,1954	5	12	21	17	"	D	Red clay 12;blue clay 38;gravel 40.
	Con XIII " 18	"	Sep.27,1954	4	35	35	17	"	D	Red clay 12;blue clay 30;hardpan 60;gravel 62.
	Con XIII " 18	H.J.Penn	Oct. 5,1954	4	5			"	D	Old well 12;red clay 21;blue clay 34;dirty sand 78;hardpan 122;blue shale 154.
	Con I lot 26	H.Wilson	Jun.15,1953	5	5	70	60	Fresh	D,S	Clay stones 40;hardpan 140;limestone 146.
	Con II " 13	C.Richards	Sep. 9,1954	4½	5	33	30	"	D,S	Top soil 4;brown clay 56;sand gravel 60;gravel 60½.
	Con III " 26	F.Schlichter	Sep.28,1953	4	5	65	55	"	D,S	Brown clay 20;blue clay 74;gravel 76.
	Con III " 26	"	Jun. 3,1953	5	5	26	20	"	D,S	Brown clay 30;blue clay 80;sand 150;hardpan stones 232; limestone 236.
	Con V " 25	Jameson Bros.	Sep.14,1954	4½	6	24	20	"	D,S	Brown clay 10;blue clay 110;fine sand 114;gravel 116.
	Con VI " 24	E.Ellory	May 21,1954	5½	6	40	30	"	D,S	Top soil 3;blue clay 100;hardpan stones 180;grey limestone 182.
	Con VII " 14	C.McLaughlin	Jan.29,1954	5½	6	60	50	"	D,S	Brown clay 14;blue clay 60;hardpan gravel 62½.
	Con VIII " 21	G.Wilkinson	Dec. 7,1953	6½	6	40	40	"	D,S	Cistern 15;putty clay 60;clay 82;sand 87;clay gravel 96.
	Con IX " 7	W.L.McBeth	Aug.18,1953	5½	6	25	10	"	D	Clay stone 25;hardpan stones gravel 41.
	Con IX " 7	C.Harvey	Dec.21,1953	6½	3	6	42	"	D	Hard clay stones 115;sand 120;soft clay 124.
	Con IX " 10	A.Scott	May 27,1953	5½	6	60	40	"	D,S	Red clay 4;blue clay pebbles 60;yellow sand and clay mixed 130;hardpan gravel 133.
Con X " 7	H.Armstrong	G.Warren	Apr. 9,1954	6½	6	75	65	"	D	Yellow clay stones 25;hard yellow clay 60;soft grey clay 96;grey clay 96;gravel 98.
Con X " 7	N.Langrell	"	May 24,1954	6½	5	65	52	"	D	Yellow clay 18;putty sand 58;blue clay 78;blue clay gravel 102;gravel 103.

OXFORD COUNTY -cont.

Con X	lot	8	H. Burton	G. Warren	Jan. 26, 1954	6 1/2	6	87	80	Fresh	D, S	Clay boulders 28; blue clay 50; soft clay 70; clay stones 107; gravel 112.
Con X	"	9	C. Longfield	"	Aug. 5, 1954	6 1/2	10	60	32	"	D, S	Yellow sand 32; boulders gravel 58; putty sand 84; grey clay pebbles 104; sand gravel 106.
Con X	"	19	G. Heisdon	W. L. McBeth	Jun. 22, 1953	5 1/2	6	65	37	"	D	Brown clay 12; blue clay 60; grey clay stones 100; hardpan boulders gravel 122.
Con XI	"	14	Z. Smith	"	Apr. 23, 1953	4			Flows	"	D	Brown clay 15; stony blue clay 55; yellow sand 118; hardpan gravel 122.
Con XI	"	15	W. Dodelley	"	Mar. 31, 1953	4		26	19	"	D	Black clay 3; yellow sand 13; clay boulders 97; gravel 98.
Con XI	"	21	A. Deller/Son	G. Warren	Oct. 17, 1953	6 1/2	4			"	In	Hard clay 18; runny clay 22; blue clay 58; clay gravel 106; fine gravel 110.
Con XI	"	21	T. Alward	"	Jan. 11, 1954	4	5	38	23	"	D	Clay boulders 28; clay 50; soft clay 70; clay pebbles 107; gravel 112.
Con XI	"	22	C. Hawkins	"	Sep. 15, 1953	5	3	50	23	"	D	Clay boulders 64; clay stones 80; sand gravel 108; fine gravel 110.
Con XI	"	22	A. Holland	"	Jun. 4, 1954	6 1/2	5	34	26	"	D	Dug well 32; blue clay 59; blue clay stones 108; gravel 110.
Con XI	"	22	Brownsville Village	"	Sep. 11, 1954	8	14	60	27	"	P	Hard clay 10; clay boulders 14; grey clay 68; clay sand gravel 73; gravel 85; soft clay pebbles 105; dirty gravel 115; gravel 117.
East Missouri Twp.												
Con VIII	lot	4	M. Day	W. B. Dale	Sep. 22, 1954	3 1/2	6	47	41	Fresh	D, S	Dug well 22; previously drilled 99; sand gravel 113; brown limestone 117.
Con IX	"	4	R. Day	"	Sep. 17, 1954	5	6	37	31	"	D, S	Clay 18; boulders sand 20; hardpan sand 62; sand gravel 65; hardpan stones 80; sand gravel 81; hardpan clay streaks 93; sand clay 95; hardpan gravel 101; brown limestone 106.
Con IX	"	31	School S. #4	McLeod/McBeth	Aug. 4, 1953	3 1/2	5	45	38	"	P	Brown clay 20; blue clay 110; limestone 130.
Con X	"	1	F. Dennison	J. D. Hayden	May 28, 1954	4	9	70	70	slight Sulphur	D, S	Yellow clay 10; fine sand 20; hardpan stones 84; sand stones 89; grey limestone 102.
Con X	"	11	R. Calder	McLeod/McBeth	Aug. 20, 1953	5	5	35	33	Fresh	D, S	Brown clay 20; blue clay 50; hardpan stones 120; fine sand 130; limestone 133.
Con XII	"	17	G. Cucksey	H. T. Siegrist	Feb. 21, 1953	4	4	25	10	Fresh	D, S	Top soil 2; sand 80; stony clay 100; sand 149. Dry hole.
Con XIII	"	5	J. Snetsinger	J. D. Hayden	Mar. 23, 1954	4	5	40	40	"	D, S	Old well 10; sand 40; hardpan 68; sand gravel 86; brown limestone 124.
Con XIII	"	7	G. Mitchell	"	Apr. 28, 1954	3 1/2	6	65	60	"	D, S	Sand gravel 16; hardpan stones 50; sand stone 60; hardpan 86; sand stones 112; brown limestone 121.
Con XIII	"	11	School S. #9	McLeod/McBeth	Sep. 1, 1953	4	5			"	P	Clay 30; hardpan stones 111; limestone 141.
East Oxford Twp.												
Con I	lot	6	E. Saska	J. Stefan	Oct. 20, 1953	6	5	10	10	Fresh	D	Clay stones 22; silty fine gravel 30; coarse sand fine gravel 31.
Con I	"	6	E. Scholtz	A. Ghent & Son	Jun. 24, 1954	4	7 1/2	15	9	"	D	Brown clay 12; running sand 32; blue clay 85; sand 94; limestone 107.
Con I	"	7	H. Feenstra	"	Oct. 1, 1953	5	4 1/2	20	12	"	D	Old well 27; clay 52; hardpan 62; clay 80; hardpan 90; sand 94; limestone 111.
Con I	"	8	C. Redhead	J. Stefan	Aug. 12, 1954	6	5	50	15	"	D	Clay 28; sandy clay 88; clay gravel boulders 90; shale 95; grey rock 120.
Con I	"	15	C. Houser	A. Ghent & Son	Aug. 1, 1953	5	7	16	4	"	D	Fill 6; brown clay 11; blue clay 19; sand 20; gravel 21 1/2.
Con I	"	16	E. Schultz	"	Jul. 15, 1953	5	5	10	5	"	D	Brown clay 12; clay sand 32; running sand 52; blue clay 77; gravel 79.
Con II	"	8	R. McFarland	A. E. Haskell	Oct. 23, 1954	4	9	20	13	"	D	Red clay 32; dirty sand clean gravel 92.
Con II	"	15	F. Hendershot	A. Ghent & Son	Jan. 30, 1954	5	2 1/2	21	15	"	D	Brown clay 8; blue clay 33; sand 34; gravel 35.
Con III	"	1	L. Wright	J. Stefan	Oct. 23, 1953	6	5	19	14	"	D	Clay stones 24; blue clay 37; coarse gravel 55.
Con III	"	2	S. G. Potter	S. Rennick	Sep. 8, 1953	4	6	22	19	"	S	Red clay 13; blue clay 36; dirty sand 47; sandy hardpan 65; monoclastic hardpan 89; soft clay 120; hardpan 12; gravel 132.
Con III	"	11	R. Buchanan	McLeod/McBeth	Apr. 7, 1953	5	5	18	12	"	D, S	Blue clay 77; limestone 82.
Con III	"	12	E. Hird	A. Ghent & Son	Feb. 6, 1954	5	3	25	18	"	D, S	Dug well 30; brown clay stones 40; blue clay 51; hardpan 55; gravel 56.
Con III	"	18	N. C. Schell	S. Rennick	May 21, 1953	5	25	18	11	"	In	Red clay 21; dirty sand 27; blue clay 37; dirty gravel 40; blue clay 54; hardpan 91; limestone 142.
Con III	"	18	"	"	Aug. 18, 1953	4	20	20	16	"	S	Soft sandy clay 44; hardpan 86; rock slabs dirt 88; limestone 144.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY-cont. East Oxford Twp.cont. Con III lot 19	F. Smith	J. D. Hayden	Jun. 4, 1954	5	6	14	14	Fresh	D	Yellow clay 15; blue clay 30; silty sand 50; yellow clay 54; fine sand 68; coarse gravel 71. Dug well 32; blue clay stones 65; sand 81; hardpan gravel 84; gravel 86.
Con IV " 11	K. Quinton	A. Ghent & Son	May 14, 1954	5	4	9	24	"	D, S	Brown clay 17; hardpan stones 87; limestone 89. Soft red clay 14; hardpan 110; rock slabs 112; limestone 117. Dug well 30; brown clay 35; blue clay 50; sand 52; gravel 55.
Con IV " 19	F. Mattson	McLeod/McBeth	Aug. 16, 1954	4 3/4	5	25	20	"	D, S	Blue clay 43; gravel 46. Brown clay stones 21; blue clay 62; sand 64; hardpan 70; gravel 72.
Con IV " 20	E. Hamilton	S. Rennick	Dec. 5, 1953	3 1/2	10	38	32	"	D	Dug well 15; clay 45; hardpan gravel 146; gravel 147.
Con IV " 20	H. Phillips	A. Ghent & Son	Jan. 15, 1954	5	3	28	21	"	D, S	Dug well 30; brown clay 35; blue clay 50; sand 52; gravel 55.
Con V " 13	C. Andrews	McLeod/McBeth	Dec. 1, 1954	5 1/2	6	20	15	"	D, S	Blue clay 43; gravel 46.
Con VI " 19	B. Barnes	A. Ghent & Son	Feb. 25, 1954	5	3	62	20	"	D, S	Brown clay stones 21; blue clay 62; sand 64; hardpan 70; gravel 72.
Con VI " 19	G. R. Row	W. L. Burwell	Sep. 10, 1954	4	25	6	Flows	"	D, S	Dug well 15; clay 45; hardpan gravel 146; gravel 147.
Con VII " 15	E. Orth	McLeod/McBeth	Jul. 23, 1954	4 1/2	4	20	18	"	D, S	Dug well 15; clay 45; hardpan gravel 146; gravel 147.
Con VIII " 16	D. Jaques	A. E. Haskell	Jun. 25, 1954	4	10	29	23	"	D	Stones clay 39; dirty sand 43; hardpan 67; dirty gravel 74; hardpan 98; dirty sand gravel 138; hardpan 176; sandy clay 192; blue clay 211; clay shale 230; limestone 234.
East Zorra Twp.										
Con IX lot 1	J. Douglas	McLeod/McBeth	Jun. 23, 1953	5	5	55	55	Fresh	D	Hard brown clay 20; hardpan stones 110; limestone 115.
Con IX " 5	M. Vial	S. Rennick	Jul. 20, 1953	4	10	65	53	"	D, S	Clay stones 34; hardpan 104; rock slabs 110.
Con IX " 5	M. Barker	McLeod/McBeth	Jan. 29, 1954	5 1/2	4	45	40	"	D, S	Top soil 3; sandy loam 18; hardpan stones 127; grey limestone 132.
Con X " 1	J. Watheon	S. Rennick	Aug. 24, 1953	4	6	50	45	"	D	Clay boulders 28; hardpan 56; clay 77; limestone 90.
Con X " 1	W. J. Roberts	A. E. Haskell	Mar. 16, 1954	4	10	49	41	"	D	Clay stones 31; hardpan 90; limestone 97.
Con X " 2	A. Muir	McLeod/McBeth	Feb. 11, 1954	5 1/2	4	70	50	"	D, S	Top soil 3; blue clay 40; hardpan stones 112; grey limestone 130.
Con X " 6	Mrs. Jackson	McLeod/McBeth	Aug. 26, 1954	4	10	23	19	"	D	Clay 28; hardpan 69; dirty sand gravel 93; limestone 101.
Con X " 6	B. Sutherland	A. E. Haskell	Oct. 28, 1954	4 1/2	7	17	13	"	S	Brown clay 15; hardpan stones 90; shale 95; limestone 102.
Con X " 3	A. Schmidt	McLeod/McBeth	Sep. 28, 1953	4 1/2	4	40	29	"	D	Yellow clay 37; hardpan 76; blue clay 105; clean gravel 108.
Con XI " 2	H. R. Fullen	S. Rennick	Jul. 25, 1953	4	6	55	38	"	D	Red clay 29; blue clay 41; sandy hardpan 67; rock slabs clay 71; limestone 86.
Con XI " 2	V. Grane	A. E. Haskell	Oct. 19, 1954	4	10	25	10	"	D	Red clay 17; blue clay 33; hardpan 73; limestone 78.
Con XI " 6	W. Scott	S. Rennick	Jul. 13, 1953	4	3	48	6	"	D	Clay 23; hardpan 72; limestone 104.
Con XI " 6	O. J. Smith	A. Ghent & Son	Aug. 27, 1953	5	8	7	4	"	D	Clay 14; sand and clay mixed 37; clean gravel 39.
Con XI " 14	G. Worland	S. Rennick	Oct. 13, 1954	5	5	16	4	"	D	Clay boulders 22; blue clay sand 39; hardpan 45; gravel 47.
Con XI " 14	G. Kitching	S. Rennick	Aug. 8, 1953	5	9	55	46	"	D	Boulders clay 33; hardpan 60; dirty sand 69; blue clay 86; hardpan 110; limestone 146.
Con XI " 18	I. McKay	H. A. Kerr	Sep. 1, 1954	4	15	90	70	"	D, S	Boulders clay 60; sand clay streaks 120; clay 150; boulders clay 180; sand 190; limestone 194.
Con XII " 4	W. McCurdy	A. Ghent & Son	May 2, 1953	5 1/2	6	21	16	"	D	Sand 22; hardpan stones 31; rock 34.
Con XII " 4	W. Jennings	"	May 9, 1953	5 1/2	5	20	15	"	D	Sand 20; hardpan stones 30; rock 35.
Con XII " 5	G. Lundsen	A. E. Haskell	Jul. 17, 1954	4	10	20	17	"	D	Clay 28; hardpan 60; limestone 63.
Con XII " 5	E. Inwood	"	Jul. 21, 1954	4	10	40	30	"	D	Stones hardpan 67; limestone 73.
Con XII " 7	H. J. Hallow	S. Rennick	Jun. 18, 1953	4	10	75	60	"	D	Stones clay 20; gravel 61; hardpan 98; blue clay 105; hardpan 123; limestone 145.
Con XII " 15	School S. #16	A. E. Haskell	Feb. 18, 1954	4	8	38	26	"	P	Sandy hardpan 82; blue clay 98; shale 101; limestone 118.
Con XII " 18	D. McKay	A. E. Haskell	Aug. 5, 1954	4	15	25	12	"	D	Red clay 26; blue clay 56; hardpan 104; shale 110; limestone 159.
Con XII " 20	E. Hosttler	H. A. Kerr	Aug. 21, 1953	4	15	28	16 1/2	"	D	Clay 28; fine gravel clay 37; stony clay 98; sand 100; clay 125; coarse sand 130; rock 135.
Con XII " 21	F. Symons	A. E. Haskell	Feb. 5, 1954	4	12	29	24	"	D	Hardpan 85; soft sand clay 98; blue clay 122; chocolate hardpan 138; shale 142.
Con XII " 21	R. O. Smiley	"	Jul. 11, 1954	5 1/2	10	28	12	"	D	Fill 6; blue clay 39; soft sandy clay 94; hardpan 124; limestone 126.
Con XII " 21	W. Schroeder	H. A. Kerr	Aug. 12, 1954	4	15	22	18	"	D	Clay stone 23; sand 28; marl 28 1/2; stones 35; stony clay 117; clay 136; limestone 140.
Con XIII " 4	C. Dunn	A. E. Haskell	Jul. 21, 1954	5	10	28	12	"	D	Gravel stones 39; limestone 45.
Con XIII " 5	C. Harriss	S. Rennick	Apr. 8, 1953	4	10	55	44	"	D	Gravel 27; hardpan 40; blue clay 84; limestone 89.
Con XIII " 9	A. Franks	"	Sep. 15, 1953	4	7	55	43	"	D, S	Hardpan boulders 57; rock slabs hardpan 63; limestone 95.

OXFORD COUNTY-cont.

East Zorra Twp.

Con XIII	lot 18	P. Thompson	S. Rennick	Mar. 31, 1953	4	5	20	7	Fresh	D, S	Stones hardpan 24; clay 53; dirty gravel 55; clay 86; stones clay 101; hardpan 134; shale 137; limestone 164.
Con XIII	" 21	A. Gunn	H. A. Kerr	Jan. 6, 1954	4	15	20	7	"	D, S	clay 49; hardpan 83; coarse sand 100; fine sand 125; rock 150.
Con XIII	" 28	L. Yantzi	"	Nov. 1, 1954	4	15	3	Flows	"	D, S	Red clay 58; stony clay 95; clay 138; limestone 142.
Con XIV	" 32	L. Ramseyer	S. Rennick	May 9, 1953	4	4	Flows	"	Mineral	D, S	Red clay 16; blue clay 45; dirty gravel 48; hardpan 93; shale 114; soft rock 144.
Con XV	" 22	E. Brennaman	"	Oct. 19, 1953	4	15	"	"	Fresh	S	clay large boulders 36; dirty sandy clay 65; hardpan 73; limestone 158.
Con XV	" 32	L. Bender	"	Apr. 29, 1953	3½	10	30	19	"	D, S	Red clay 23; hardpan 119; shale 122.
Con XVI	" 25	C. L. Ruby	"	Jan. 19, 1953	4	8	29	21	slight	S	Sand 25; clay 51; hardpan 66; dirty sand 74; hardpan 95; shell rock 102; limestone 115.
Con XVI	" 26	H. Broodrecht	H. A. Kerr	Oct. 1, 1954	4	15	22	16	Mineral	D, S	Blue clay 75; stony clay 94; grey limestone 113.
Con XVI	" 28	S. Iutzi	A. E. Haskell	Feb. 27, 1954	4	6	25	15	Fresh	D, S	Clay 38; hardpan 108; shale 112; limestone 127.
Con XVI	" 30	H. Broodrecht	H. A. Kerr	Oct. 15, 1954	4	15	22	16	"	D, S	Clay 20; sand 21; boulders clay 95; limestone 142.
Con XVII	" 9	A. Longworth	A. Ghent & Son	Sep. 18, 1953	5½	5	17	13	"	D	Brown clay 17; grey limestone 33.
Con XVII	" 10	L. Hilderley	S. Rennick	Sep. 2, 1953	5	9	28	25	"	D	Clay 24; limestone 55.
Con XVII	" 10	P. Wilson	"	Feb. 26, 1953	5	9	29	20	"	D	Clay 15; rock slabs clay 17; limestone 54.
Con XVII	" 10	J. Yeo	"	Apr. 18, 1953	5	8	30	27	"	D	Clay 45; limestone 56.
Con XVII	" 10	G. Annett	"	Apr. 24, 1953	5	8	30	27	"	D	Top soil 2; red clay 25; limestone 56.
Con XVII	" 10	J. Prow	"	Jul. 29, 1953	5	7	25	22	"	D	Fellow clay 15; rock chips clay 18; limestone 55.
Con XVII	" 16	W. Hall	A. E. Haskell	Dec. 16, 1954	5½	7	30	27	"	D	Clay 45; limestone 56.
Con XVII	" 16	H. Carter	S. Rennick	Sep. 3, 1953	4	10	25	20	"	S	Clay 41; dirty sand 57; rock slabs clay 61; limestone 83.
Con XVII	" 29	E. Schlegel	"	Oct. 8, 1953	4	6	30	19	"	S	Hardpan 48; dirty clay gravel 73; hardpan 78; rock slabs clay 84; limestone 110.
Con XVII	" 30	L. Bender	A. E. Haskell	Sep. 1, 1954	4	10	20	14	"	D	Clay 29; hardpan 84; limestone 107.
North Norwich Twp.											
Con II	lot 2	G. Patchet	McLeod/McBeth	Nov. 16, 1953	4½	6	60	50	Fresh	D, S	Brown clay 20; blue clay 70; sand 82; gravel 85.
Con II	" 7	O. Gare	A. Ghent & Son	Jul. 30, 1953	5½	5	49	12	"	D, S	Brown clay boulders 25; blue clay thin streaks of gravel 52; hardpan 55; clay sand 65; limestone 67.
Con II	" 15	J. Jaques	McLeod/McBeth	Aug. 6, 1954	4½	6	10	Flows	"	D, S	Brown clay 18; blue clay 90; hardpan stones 127; limestone 130.
Con II	" 17	G. Smith	"	Jul. 17, 1954	4½	6	15	14	"	D, S	Brown clay 20; blue clay 100; hardpan stones 126; limestone 130.
Con II	" 20	C. Dennis	"	Jul. 14, 1954	4	7	60	55	"	D	Stones hardpan 56; sandy clay 95; dirty sand clean gravel 103.
Con II	" 22	H. Bickell	A. E. Haskell	Jul. 9, 1954	4	10	29	12	"	D	Clay 16; sandy hardpan 76; sandy clay 120; stony hardpan 155; sandy clay 204; sand shale 211; limestone 214.
Con III	" 6	H. Payne	A. Ghent & Son	Oct. 10, 1953	5	4½	25	20	"	D	Clay 8; sand clay 39; sand 50; clay 67; hardpan 85; sand 90; limestone 101.
Con III	" 6	G. Palmer	McLeod/McBeth	Nov. 10, 1953	4½	6	37	33	"	D, S	Blue clay 75; hardpan stones 100; gravel 106.
Con III	" 25	E. Tattersal	"	Nov. 3, 1953	4½	6	60	58	"	D, S	Blue clay 110; hardpan stones 190; limestone 195.
Con IV	" 24	S. Hastings	S. Rennick	Oct. 23, 1953	5	8	20	20	"	D, S	Clay 14; quicksand 36; blue clay 52; gravel 67.
Con V	" 16	S. Hinks	W. A. Selore	Aug. 22, 1954	4	8	20	15	"	S	Sandy loam 4; blue clay 50; putty sand 70; grey clay 144; limestone 146.
Con VI	" 13	J. Tusock	A. Ghent & Son	Apr. 10, 1953	3½	4	66	56	"	D, S	Clay 42; hard sand 50; hardpan 72; running sand 177; hardpan 179; gravel 181.
North Oxford Twp.											
Con I	lot 18	F. Holden	McLeod/McBeth	Dec. 1, 1953	4½	5	50	38	Fresh	D, S	Hard brown clay 20; hardpan stones 52; gravel 54.
Con I	" 19	D. Crawford	"	Oct. 18, 1954	4½	6	90	84	"	D	Brown clay 40; stones hardpan 99; limestone 116.
Con I	" 20	K. Maullin	"	Dec. 15, 1954	4	6	140	130	"	D	Brown clay 25; hardpan stones 130; limestone 148.
Con I	" 21	K. Murdoch	S. Rennick	Apr. 14, 1953	4	7	75	66	"	D	Clay 21; stones clay 27; hardpan 66; dirty sand 71; yellow clay 87; gravel 91.
Con I	" 21	J. Hillston	McLeod/McBeth	Apr. 15, 1954	4½	6	25	23	"	D	Top soil 3; gravel stones 15; hardpan stones 27; grey limestone 50.
Con II	" 3	L. Henderson	W. E. Dale	Oct. 18, 1953	3½	1½	46	2	"	D	Clay stones 23; gravel 46.
Con II	" 3	Mrs. Dickson	W. E. Hooper	Sep. 19, 1954	4	3	38	15	"	D	Dark sandy soil 2; grey clay 43; clay boulders 46; hardpan 49; quicksand 64; fine gravel 65; quicksand.
Con II	" 16	C. Riddle	McLeod/McBeth	Oct. 5, 1953	4½	5	75	65	"	D, S	Hard brown clay 20; hardpan stones 84; limestone 83.
Con II	" 20	J. Wybenga	A. Ghent & Son	Oct. 20, 1954	4	5	25	24	"	D, S	Clay boulders gravel 30; grey limestone 47.
Con II	" 21	Beachville Ldg.	McLeod/McBeth	Feb. 17, 1954	4	6	28	25	"	P	Top soil 2; coarse gravel stones 28; grey limestone 57.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
OXFORD COUNTY-cont. North Oxford Twp. Con III lot 4	School	McLeod/McBeth	Jan. 15, 1954	5½	6	26	20	Fresh	P	Brown clay 20; hardpan 70; blue clay stones 112; limestone 120.
South Norwich Twp. Con IX lot 1	W. Mold	W.L. Burwell	Feb. 4, 1954	5	12	55	20	Sulphur	D, S	Yellow sand 4; clay boulders 14; quicksand 29; putty sand 69; white clay 127; grey limestone 130.
Con X " 21	E. Fick	G. Warren	Nov. 9, 1953	6½	7	100	78	Fresh	D, S	Clay stone 60; soft clay 68; clay stone 135; gravel 136.
Con X " 22	O. Denny	"	Sep. 3, 1953	6½	30	70	67	Sulphur	D	Clay boulders 142; rock 146.
Gore RP 395 " 36	C. Renebo	W.L. Burwell	Dec. 4, 1953	3	5	50	30	Fresh	D	Fine sand 8; blue clay 28; putty sand 134; white clay 140; grey limestone 144.
Tillsonburg	Livingston Wood Hg. Co.	G. Warren	Mar. 13, 1954	8	3	40	18	Fresh	In	Yellow sand 18; yellow clay 52; gravel 54; grey clay 86; soft grey clay 100; grey clay 132; grey limestone 151; brown limestone 155.
West Oxford Twp. B.F. lot 2	A. Smith	A. E. Haskell	Jul. 24, 1954	5	7	48	34	Fresh	D	Gravel stone 33; limestone 53.
B.F. " 3	B. F. Near	McLeod/McBeth	Mar. 15, 1954	4½	6	25	13	"	D	Top soil 2; sand gravel 30; grey limestone 46.
B.F. " 6	H. Griffeon	A. Ghent & Son	Sep. 15, 1954	5	4	15	15	"	D	Brown clay 6; gravel 10; blue clay 28; hardpan gravel 31; limestone 50.
B.F. " 7	P. Hamell	J. D. Hayden	Jun. 11, 1954	5	12	40	40	"	C	Red sand 5; yellow clay 20; fine sand 30; hardpan 38; sand stone 41; brown limestone 70.
B.F. " 8	J. Tyons	McLeod/McBeth	Mar. 19, 1954	4½	6	31	28	"	D	Coarse sand 10; coarse gravel stones 33; grey limestone 48.
B.F. " 8	Beachville PO.	A. Ghent & Son	Apr. 1, 1954	4½	6	27	28	"	D	Coarse sand gravel 33; grey limestone 48.
B.F. " 8	J. D. Hayden	J. D. Hayden	Jun. 28, 1954	5	10	27	27	Sulphur	D	Old well 3; sand stone 36; brown limestone 68.
B.F. " 8	A. Vanderkooi	A. Ghent & Son	Oct. 28, 1954	4½	2	22	18	Fresh	D	Clay boulders gravel 40; grey limestone 53.
B.F. " 9	J. Wright	McLeod/McBeth	Oct. 12, 1953	4½	2	40	30	"	D	Clay boulders 18; grey limestone 56.
B.F. " 10	G. Madalin	A. Ghent & Son	Nov. 30, 1953	5	4½	36	36	"	D	Coarse gravel boulders 21; limestone 37.
B.F. " 10	S. Hutchinson	McLeod/McBeth	Oct. 5, 1954	4½	6	26	25	"	D	Coarse gravel boulders 21; limestone 36.
B.F. " 11	I. J. Finney	A. Ghent & Son	Oct. 8, 1954	4	6	25	14	"	D	Well dug 14; boulders clay 29; hardpan 30; grey limestone 42.
B.F. " 13	J. Binn	McLeod/McBeth	Dec. 7, 1953	5	4	18	14	"	D	Clay 6; gravel stones 40; hardpan boulders 111; rock 121.
B.F. " 14	S. Currie	McLeod/McBeth	Sep. 16, 1953	4½	5	55	48	"	P	Hard brown clay 25; hardpan stones 105; limestone 125.
B.F. " 15	P. Titus	"	Oct. 19, 1953	4½	4	110	105	"	D, S	Hardpan stones 50; limestone 60.
B.F. " 15	S. P. Minogue	M. B. Hooper	Mar. 4, 1953	4	5	43	40	"	D	Clay 58; hardpan gravel 61; quicksand 78; soft brown limestone 109.
B.F. " 16	P. Auscomb	R. Connor	Sep. 28, 1954	4	4	82	52	"	D	Top soil 2; fine sand 37; large stone hardpan 50; limestone 52.
Con I " 16	W. R. Allison	McLeod/McBeth	Nov. 17, 1954	4	6	35	35	"	D, S	Brown clay 20; hardpan stones 114; limestone 117.
Con I " 21	A. R. McComb	S. Rennick	Sep. 28, 1954	4½	6	70	64	"	D	Sandy hardpan 22; blue clay 66; stones hardpan 130; black sand very black muck 147; limestone 159.
Con I " 21	B. Coyle	McLeod/McBeth	Nov. 6, 1953	4	6	70	63	"	D	Top soil 4; brown clay 40; fine sand 60; hardpan stones 121; grey limestone 127.
Con II " 5	M. Cook	"	Mar. 12, 1954	4½	6	50	40	"	D	Grey limestone 127.
Con II " 24	School	"	Jul. 3, 1953	5	5	57	50	"	D, S	Brown clay 15; blue clay 59; good gravel 62.
Con II " 25	E. Wilson	"	May 1, 1953	4	5	55	45	"	P	Hard brown clay 20; coarse gravel 50; hardpan stones 110; gravel 115.
Con VI " 7	J. Lindsay	"	Apr. 21, 1953	4	5	34	26	"	D	Brown clay 20; coarse gravel boulders 40; good gravel 41.
Gore	L. Reid	"	Sep. 3, 1954	4½	5	28	23	"	D, S	Brown clay 40; blue clay 80; hardpan stones 130; fine sand 200; hardpan 227; limestone 230.
Gore	H. A. Kerr	"	Apr. 30, 1954	4½	6	25	24	"	D	Top soil 2; hardpan stones 10; coarse gravel stones 33; grey limestone 49.
Gore	A. Searle	"	Dec. 15, 1954	4	6	160	119	"	D	Very stony clay 28; boulders gravel 117; stony clay 198; limestone 205.
West Zorra Twp. Con III lot 1	A. Little	McLeod/McBeth	Dec. 15, 1953	4½	6	65	60	Fresh	D	Brown clay 25; hardpan stones 100; limestone 118.
Con III " 3	E. Garner	"	Nov. 22, 1954	4½	6	6	5	"	D, S	Black clay 10; stones brown clay 75; sand 80; gravel 83.
Con V " "	E. Parker	"	Feb. 24, 1953	5	5	50	45	"	D, S	Blue clay 50; hardpan stones 114; limestone 118.

OXFORD COUNTY-cont.

West Zorra Twp. cont.	E. Piper.	Dec. 17, 1954	5	5	35	30	Fresh	D.S	Brown clay 55; blue clay boulders 63; fine sand 79; gravel 81.
Con VI lot 5	B. Parker	Feb. 14, 1953	5	23	20	"	"	D.S	Brown clay 20; hardpan stones 79; good gravel 81.
Con VII " 12	A. MacDonald	Nov. 8, 1954	4 1/2	70	65	"	"	D.S	Brown clay 40; hardpan stones 128; limestone 130.
Con VII " 22	A. Matheson	Jul. 12, 1954	4	22	22	"	"	D.S	Black loam 4; gravel sand 18; hardpan 30; blue clay 72; sandy clay 104; sand gravel 146.
PARRY SOUND DISTRICT									
Burton Twp.									
Con I lot 6	W. Stearns	Jul. 28, 1953	5	3	15	9	Fresh	D	Clay 10; granite 15.
Croft Twp.									
Con VI lot 9	E. MacMillan	Sep. 29, 1954	5	58	5	5	Fresh	D	Clay 2; rock 58.
Con VI " 12	M. Mann	Apr. 29, 1953	5	1	15	15	"	P	Gravel sand 30; granite 75.
Foley Twp.									
Con B lot 134	F. C. Hammond	Sep. 15, 1953	5	68	45	45	Fresh	D	Clay 3; grey granite 68.
Con B " 134	"	Sep. 20, 1953	5	21	15	15	"	D	Clay 3; grey granite 21.
Con B " 134	T. Wickham	Mar. 20, 1954	5	25	18	18	"	D	Clay boulders 3; granite 25.
Con B " 134	"	Oct. 15, 1954	5	31	18	20	"	D	Clay boulders 2; brown granite 33.
Con B " 141	A. Badger	Sep. 10, 1953	5	25	25	20	"	D	Sand loam 4; brownish granite 60.
Hardy Twp.									
Con I lot 35	J. Bain	Apr. 29, 1954	2	18	18	18	Fresh	D	Clay 4; granite 63.
Con I " 35	F. Cully	May 2, 1954	2	18	10	10	"	D	Clay 4; granite 74.
Humphry Twp.									
Con B lot 100	E. Malcolm	Sep. 16, 1953	5	1	8	8	Fresh	D	Gravel 5; grey granite 108.
McConkey Twp.									
Con I lot 7	B. H. Brown	May 5, 1954	2	1	15	5	Fresh	D	Clay 2; norite 76.
McDougall Twp.									
Con V lot 29	G. Michaelles	Aug. 17, 1953	5	1	5	5	Fresh	D	Clay 6; granite 31.
Machar Twp.									
Con IX lot 22	A. Pace	Jun. 30, 1953	5	1	30	20	Fresh	D	Clay boulders 20; granite 40.
Mills Twp.									
Con IX lot 2	S. E. Moore	Apr. 8, 1953	5	1	18	10	Fresh	D	Clay loam 3; rock 90.
Con X " 34	C. Yeo	Apr. 28, 1954	2	18	18	18	"	D	Clay 3; granite 180.
Con XII " 25	A. Rogerson	May 14, 1954	2	2 1/2	7	7	"	D.S	Clay 4; granite 55.
Con XII " 26	O. Begie	Apr. 19, 1954	2	1	18	13	"	D	Clay 2; granite 140.
Con XII " 35	S. Delis	Apr. 21, 1954	2	1	20	15	"	D	Clay 2; granite 5; gravel 6; granite 104.
Con XII " 32	S. Cullin	May 12, 1954	2	1	12	6	"	D	Clay 1; granite 28.
Con XIII " 32	R. G. Brooks	Apr. 22, 1954	2	1 1/2	15	9	"	D	Clay 4; granite 21.
Con XIII " 35	W. Cullin	May 11, 1954	2	1	18	Flows	"	D	Clay 4; granite 136.
Con XIV " 35	H. Matthews	Mar. 24, 1953	5	1	35	6	"	D	Clay boulders 10; grey granite 35; red granite 42.
Nipissing Twp.									
Con X lot 10	E. Jones	Dec. 1, 1954	6	2	10	10	Fresh	D	Red sand 6; hard grey granite 42.
Con XIV " 13	C. Perkins	Nov. 12, 1954	6	8	35	Flows	"	D	Hard grey granite 35.
Con XVII " 11	B. F. Wilson	Jan. 17, 1953	5	10	12	6	"	D, P	Sand 3; granite 42.
North Himsworth Twp.									
Con XIV lot 6	G. L. Kervin	May 26, 1954	2	12	24	11	Fresh	D	Previously drilled 82; granite 252.
Con XIV " 4	M. Nelson	Oct. 22, 1954	6	17	Flows	Flows	"	D	Clay boulders 12; grey granite 22; red granite 32.
Con XVI " 2	J. Scale	Jun. 1, 1954	6	8	19	6	"	D	Light drift sand 36; coarse gravel 42.
Con XVI " 2	J. Leveque	Sep. 19, 1954	6	8	16	15	"	D	Red granite 58.
Con XVI " 2	J. McConigle	Oct. 30, 1954	6	25	8	8	"	D	Red sand 8; red granite 44.
Con XVII " 3	L. Rockefeller	Jun. 11, 1954	6	17	1	1	"	D	Blue clay 15; fine sand 30; coarse gravel 40.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PARRY SOUND DIST. cont North Himsworth Twp. cont.										
Con XXVII lot 23	C.F. Guthrie	V.N. Miller	Sep. 24, 1954	6	17	6	6	Fresh	D	Sand 10; red granite 35.
Con XXVIII " 26	B. Gordon	"	Sep. 14, 1954	6	3	50	15	"	D	Grey granite 50.
Patterson Twp.										
Con VI lot 18	W.C. Holl	Subterra Explor- ation Co.	May 20, 1954	2	$\frac{1}{2}$	20	15	Fresh	P	Clay 1; granite 105.
Con VII " 17	R. Allen	"	May 21, 1954	2	$\frac{1}{2}$	20	15	"	P	Granite 65.
Powassan										
Con VI lot 18	H. McConnell	F.C. Hammond	Jan. 30, 1953	5	10	18	15	Fresh	D	Hardpan large boulders 20; red granite 51 $\frac{1}{2}$.
Powassan	P. Carnival	V.N. Miller	May 18, 1954	6	1	82	6	"	D	Boulders clay 13; hard rock 82.
Shawanaga Twp.										
Con IX lot 18	G. Fisher	F.C. Hammond	Oct. 8, 1953	5						Old well 12; hard brown rock 32. Dry hole.
South Himsworth Twp.										
Con I lot 29	R. Rats	V.N. Miller	Jun. 9, 1954	6	17	6	6	Fresh	D	Sandy clay 4; hard gray granite 25.
Con VII " 31	B.V. Young	"	Aug. 10, 1954	6	8		67	"	S	White clay 10; drift sand 70; coarse gravel 77; hard black granite 97.
Con XI " 15	F. Hurlburt	"	Dec. 8, 1954	6	8	20	20	"	D	Red sand 37; grey granite 42.
Con XII " 4	V. Kunsal	"	Jun. 29, 1954	5	8	6	6	"	D	Light sand 20; heavy sand 30; heavy coarse gravel 37; hard granite 40.
Con XII " 16	W. Bartlaw	"	Apr. 30, 1954	6	8	57	30	"	D	Light drift sand 50; gravel 57.
Con XV " 14	J. Closs	"	Nov. 8, 1954	6	8	15	15	"	D	Red sand 15; coarse gravel 24; red granite 42.
Wilson Twp.										
Con XIV lot 1	O. Moore	P.C. Hammond	Oct. 29, 1953	5	$\frac{1}{2}$		10	Fresh	D	Clay loam 10; granite 53.
PEEL COUNTY										
Albion Twp.										
Con I lot 27	J. Able	S. McCauley	Sep. 10, 1953	4	10	20	18	Fresh	D	Yellow clay 8; fine sand 64; fine gravel 83; quicksand 99; fine sand 105; quicksand 191; fine sand 193; gravel 195.
Con I " 39	H.G. Tolton	C. Shropshire	Aug. 6, 1954	4	3	46	30	"	D	Gravelly clay boulders 12; gravel 28; quicksand 34; brown clay gravel 53; coarse gravel 54.
Con III " 13	H.E. Agar	T.H. Rutledge	Jul. 3, 1953	5	5	60	17	"	D	Sandy brown clay 20; grey hardpan 110; fine quicksand 120; gravel 127.
Con V " 11	C.B. Wilson	S. McCauley	Jul. 13, 1954	5						Yellow clay 10; blue clay 139; quicksand 163; blue clay 186.
Con V " 11	"	"	Jul. 30, 1954	4	4	167	125	Fresh	D	Dry hole.
Con V " 16	H. Detweiler	"	Oct. 26, 1953	4	5	50	3	"	D	Yellow clay 10; blue clay 138; quicksand 158; blue clay 206; quicksand 252; coarse sand fine gravel 257.
Con V " 16	"	"	Aug. 16, 1954	3 $\frac{1}{2}$	$\frac{1}{2}$		0	"	D	Yellow sand 6; quicksand 10; blue clay fine stones 108; soft; blue clay 125; gravel 128.
Con VII " 2	R. Leggett	M. Babluk	Nov. 25, 1953	24						Previously drilled 128; blue clay 132; quicksand 148; sand gravel 153.
Con VII " 2	Leggett & McCort	S. McCauley	Aug. 7, 1954	5	4	136	106	Fresh	D	Hard brown clay 12; grey clay pebbles 21; grey sand some gravel 28; grey clay pebbles 40; grey sand some gravel stones 45.
Con VII " 8	W.H. Bullock	"	May 20, 1954	5		135	60	"		Dry hole.
Con VII " 8	H. Allan	"	Dec. 28, 1954	6 $\frac{1}{2}$	3	260	Flows	Salt		Yellow clay 15; blue clay 61; hardpan 78; blue clay 102; soft blue clay 151; gravel 157.
Con VII " 15	B. McCauley	"	Apr. 19, 1954	5	$\frac{1}{2}$	90	82	Fresh	D	Yellow clay 8; clay gravel 15; blue clay 90; quicksand 134; sand 135; blue clay. Well not finished.

PEEL COUNTRY-cont.

Caledon Twp.		A.Giles		O.R.Bellerby		Jun.12,1953		4		8		21		18		Fresh			
HSE Con I	lot 16	School S #11	"	C.Smith	"	Sep.23,1954	"	4	15	56	53	56	53	53	"	"	"	D	Clay large boulders 48;hard grey limestone 80.
HSE Con I	"	C.Shropshire	"	C.Shropshire	"	Sep.16,1954	"	4	4	29	22	29	22	22	"	"	"	D	Sandy loam top soil 3;gravelly clay boulders 26;limestone 31;gravel 32;limestone 52.
HSE Con V	"	A.Graham	"	S.McCauley	"	Apr.14,1953	"	5			35		35	35	"	"	"	D	Yellow sand 46;fine gravel 63;fine sand 114;silty sand 120; fine sand 139. Abandoned.
HSE Con VI	"	F.O.Jakman	"	"	"	Sep.17,1954	"	4	2	121	72			72	"	"	"	D	Yellow clay 6;yellow sand 23;blue clay 80;quicksand 121; blue clay 132;fine sand 160.
HSE Con VI	"	F.Nugent	"	"	"	Nov.15,1954	"	4							"	"	"	D	Previously drilled 136;dirty sand 169;blue clay 170.Abandoned.
HSE Con VI	"	W.Naylor	"	C.Shropshire	"	Nov.20,1953	"	4	2	30	30	30	30	30	"	"	"	D	Sand loam 3;stones sand 18;limestone 22;gravel 23;limestone 37.
HSE Con VI	"	C.W.Jexis	"	S.McCauley	"	Oct.20,1954	"	4							"	"	"	D	Gravel sand 60;gravel 72;limestone 89;red shale 90.
HSE Con VI	"	W.Beatty	"	S.McCauley	"	Nov.17,1954	"	5							"	"	"	C	Gravel sand 75;gravel 87;red shale 170.
HSE Con I	"	H.Fudge	"	C.McClure	"	Oct.20,1953	"	4	4	85	78	85	78	78	"	"	"	D,S	Sandy clay 10;blue clay 11;heaving sand 130;coarse gravel 138.
HSE Con I	"	E.Clark	"	"	"	May 28,1954	"	4	4	50	50	50	50	50	"	"	"	D	Top soil 5;grey silt 30;blue clay 100;sand 130;sand and gravel mixed 140.
HSE Con I	"	R.Black	"	O.R.Bellerby	"	Mar.27,1953	"	6	8	20	20	20	20	20	"	"	"	D,C	Clay boulders 20;limestone 40;blue shale 65;limestone 67½.
HSE Con I	"	A.Speirs	"	C.McClure	"	Jun.10,1954	"	4	4	12	12	12	12	12	"	"	"	D	Top soil 3;coarse gravel boulders 20;limestone 55.
HSE Con I	"	D.Spears	"	"	"	Apr.14,1953	"	4	4	12	12	12	12	12	"	"	"	D	Top soil 3;pinkish gravel 20;sandy red clay 30;limestone 45.
HSE Con I	"	W.Giles	"	"	"	May 4,1953	"	4	4	18	18	18	18	18	"	"	"	D	Top soil 3;pinkish gravel 20;sandy red clay 32;limestone 47.
HSE Con I	"	E.Subbs	"	E.R.Bellerby	"	June 1,1953	"	4	8	20	15	20	15	15	"	"	"	D	Clay boulders 26;limestone 64.
HSE Con I	"	"	"	"	"	Jul.1,1953	"	4	8	20	15	20	15	15	"	"	"	D	Clay boulders 25;limestone 61.
HSE Con I	"	T.Thompson	"	"	"	Jul.12,1953	"	4	8	21	15	21	15	15	"	"	"	D	Clay boulders 25;limestone 65.
HSE Con I	"	E.H.Morgan	"	C.Smith	"	Oct.24,1953	"	4	12	45	38	45	38	38	"	"	"	D	Stony clay 35;sandy clay 45;limestone 75.
HSE Con II	"	Dr.Cryderman	"	C.McClure	"	Jun.26,1953	"	4	4	20	20	20	20	20	"	"	"	D	Brown sand 10;red clay 15;red shale 60.
HSE Con II	"	D.Parry	"	"	"	Jul.3,1953	"	4	4	20	20	20	20	20	"	"	"	D	Brown sand 10;red clay 15;red shale 60.
HSE Con II	"	Balmer Farms	"	"	"	Jun.19,1953	"	4	4	40	40	40	40	40	"	"	"	D	Red clay 10;red gravel 40;red shale 80.
HSE Con II	"	E.Laughlin	"	C.Smith	"	Oct.9,1953	"	4	3	240	50	240	50	50	"	"	"	D	Gravelly clay 35;blue silt 22;stony clay 240.
HSE Con III	"	R.Watson	"	C.Smith	"	Aug.8,1953	"	4	3	96	96	96	96	96	"	"	"	D	Gandy clay 40;boulders clay 50;sand silt 90;gravel 105.
HSE Con IV	"	W.Weatherstone	"	C.Shropshire	"	Apr.29,1954	"	4	10	20	18	20	18	18	"	"	"	D	Clay 10;stony clay shelly rock 30;solid brown limestone 28.
HSE Con IV	"	E.Hyde	"	"	"	Sep.29,1954	"	4	3	15	15	15	15	15	"	"	"	D	Dug well 9;sandy clay large boulders 17;limestone 28.
HSE Con V	"	K.Pearoy	"	R.H.Wonch	"	Oct.8,1954	"	4	3	35	25	35	25	25	"	"	"	D	Top soil 2;gravel stones 18;limestone 23;gravel 24;limest.42.
HSE Con V	"	H.Hagman	"	"	"	Jul.10,1954	"	4	3	30	24	30	24	24	"	"	"	D	Clay stones 39.
HSE Con V	"	G.Hepworth	"	"	"	Aug.12,1954	"	4	3	80	75	80	75	75	"	"	"	D	Clay sand 65;blue clay 115;red clay gravel 125.
Chinguacousy Twp.																			
HSE Con I lot 18		W.J.Cook	"	M.Babluk	"	May 18,1954	"	24			50			50	"	"	"	D	Brown clay few pebbles 20;grey clay few pebbles 50;gravel some sand 52.
HSE Con I	"	H.Reinhart	"	"	"	Jun.12,1954	"	24			40			40	"	"	"	D	Brown clay 10;grey clay few pebbles 45;grey gravel some sand 50.
HSE Con I	"	B.Nixon	"	C.McClure	"	May 30,1953	"	4	4	70	14	70	14	14	"	"	"	D	Top soil 3;blue clay 95;grey sandy silt 120;red clay 130; red shale 138.
HSE Con II	"	C.Ambrosio	"	S.McCauley	"	Jul.30,1953	"	4	2	70	45	70	45	45	"	"	"	D	Yellow clay 10;yellow sand 18;fine sand 41;fine gravel 52; coarse gravel 60;fine gravel 67;coarse gravel 83;quicksand 111;fine sand 152;shale 153.
HSE Con II	"	D.T.Rioux	"	D.P.Jacobson	"	Nov.12,1954	"	6½	8	49½	48	49½	48	48	"	"	"	D	Dark-brown sandy soil 1;light-brown clay 4;brown clay stones 11;sandy clay 35;gravel fine sand 70;gravel coarse sand 73; coarse gravel 76.
HSE Con II	"	G.Rayner	"	T.H.Ruthledge	"	Aug.1,1953	"	5	10	100	45	100	45	45	"	"	"	D	Brown clay 10;brown clay gravel 70;hardpan 120;sand gravel 127.
HSE Con III	"	L.Akroyd	"	S.McCauley	"	Nov.20,1954	"	24			6	20		6	"	"	"	D,S	Dug well 16;blue clay 34;gravel 36.
HSE Con III	"	D.Bowers	"	M.Babluk	"	Sep.30,1953	"	24			17	20		17	"	"	"	D	Brown clay 12;blue clay 28;grey sand.
HSE Con III	"	W.E.Cray	"	S.McCauley	"	Feb.25,1953	"	5	2	22	18	22	18	18	"	"	"	D	Blue clay 20;coarse gravel 22;fine gravel 40.
HSE Con III	"	H.Archdekin	"	"	"	Jul.16,1953	"	4	5	60	35	60	35	35	"	"	"	D,S	Old well 44;blue clay 71;fine sand 118; fine gravel 120.
HSE Con III	"	Baylist Church	"	C.McClure	"	Sep.30,1954	"	5	74	22	74	22	22	22	"	"	"	D	Dug well 20;blue clay 80;red shale 90.
HSE Con IV	"	C.J.Shaw	"	S.McCauley	"	Mar.9,1953	"	5	1½	35	15	35	15	15	"	"	"	D	Old well 15;shale 31;streaks of blue clay shale 42;shale 62.
HSE Con IV	"	C.Crawford/Cook	"	"	"	Feb.20,1954	"	5	2	45	22	45	22	22	"	"	"	D,C	Yellow clay 6;blue clay 22;blue clay shale 26;blue shale 50.
HSE Con IV	"	J.Hewson	"	C.McClure	"	Jul.15,1954	"	4	6	45	22	45	22	22	"	"	"	D	Top soil 3;blue clay 22;blue shale 50.
HSE Con IV	"	W.Craig	"	W.E.Core	"	Mar.18,1954	"	5	3	32	28	32	28	28	"	"	"	D,S	Dug well 35;blue clay sand 72;gravel 75.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PEEL COUNTY-cont. Chinguacousy Twp. cont.										
HSE Con IV lot 17	S. Archdekin	S. McCauley	Dec. 1, 1953	4	2 1/2	82	25	Fresh	D, S	Loam 2; blue clay 23; quicksand 39; blue clay fine gravel 67; blue shale 82.
HSE Con IV " 23	A. Armstrong	C. McClosure	Jun. 25, 1954	4	4	80	30	"	D, S	Top soil 4; blue clay 90; blue shale 110.
HSE Con IV " 27	C. F. Fichte	S. McCauley	Sep. 15, 1953	4	8	21	9	"	D, S	Old well 10; blue clay 14; quicksand 26; fine gravel 27; blue clay 39; fine gravel 44.
HSE Con V " 5	Morrison Motors	W. E. Coore	Dec. 28, 1953	5	1	20	15	slight salt	C	Top soil 2; blue clay 32; blue shale 70.
HSE Con V " 5	C. Tilson	S. McCauley	Mar. 22, 1954	5	6	22	12	Fresh	D	Top soil 1; blue clay 3; blue clay boulders 11; blue clay blue shale 30; blue shale 40.
HSE Con V " 29	H. Wilson	"	May 28, 1953	5 1/2	4	20	8	"	D, S	Old well 20; quicksand 40; blue clay 43.
HSE Con V " 29	"	"	Feb. 9, 1954	4	4	85	80	"	D, S	Dug well 20; quicksand 60; blue clay 64; quicksand 112; fine gravel 115; quicksand 214; blue clay 229; fine sand 236; sand 240.
HSE Con VI " 5	Imperial Oil	C. H. Rutledge	Oct. 29, 1954	8	2		22	Fresh	D	Brown clay 15; blue clay 18; blue shale 79. Dry.
HSE Con VI " 6	J. Maltby	S. McCauley	Apr. 21, 1954	4						Dug well 24; shale 39.
HSE Con VI " 6	S. Gaultley	C. H. Rutledge	Jun. 4, 1954	4						Top soil 2; brown clay boulders 18; blue shale 62. Dry hole.
HSE Con VI " 10	W. Burrell	W. E. Coore	Mar. 16, 1953	4	1		Flows	"	D	Top soil 2; blue clay 46; gravel 50.
HSE Con VI " 10	"	S. McClosure	Aug. 19, 1954	4			8	Salt	D	Yellow clay 12; blue clay stones 16; blue clay hard gravel 58; shale 60. Abandoned.
HSE Con VI " 10	"	"	Aug. 25, 1954	4	1 1/2	112	10	Sulphur	D	Yellow clay 11; blue clay stones 16; blue clay gravel 58; black shale 60.
HSW Con I " 1	Sun Oil Co.	Brodie & Dennis	Jun. 28, 1954	6 1/2	2 1/2	90	29	Fresh	C	Loam 4; yellow clay blue clay 42; blue clay 62; blue shale 98.
HSW Con I " 2	P. Dalzell	J. R. Sprowl	Aug. 19, 1953	6 1/2	5	30	20	"	D	Clay 28; stony clay 30; red shale 42; blue shale 93.
HSW Con I " 2	E. Cunningham	W. E. Coore	Jul. 26, 1954	4	1	20	19	Salt	D	Brown clay 20; fine sand 65; red shale 78. Abandoned.
HSW Con I " 18	J. P. Waller	M. Babik	Sep. 18, 1953	24			44	Fresh	D	Brown clay 15; blue clay 35; grey sand 44; quicksand 49.
HSW Con I " 18	"	"	Jun. 20, 1954	24			51	"	D	Brown clay few pebbles 22; grey clay few pebbles 51; grey sand lots of small stones 57.
HSW Con I " 18	K. R. Jay	"	Jul. 3, 1954	24			48	"	D	Brown clay few pebbles 23; grey clay pebbles 47; fine grey sand 54; fine sand 60.
HSW Con I " 28	V. McClosure	C. McClosure	May 6, 1954	4	4	128	12	"	D	Top soil 3; blue clay 70; sand 83; boulders 90; red shale 148.
HSW Con I " 30	O. Maxwell	"	Jun. 12, 1953	4	4	48	48	"	D	Top soil 3; blue clay 70; red sand 80; red clay 90; red shale 95.
HSW Con II " 2	W. Welfare	W. E. Coore	Jul. 19, 1954	4	1 1/2	40	18	"	D	Top soil 2; brown clay 15; fine sand 80; red shale 72.
HSW Con II " 5	J. Brown	"	Aug. 21, 1954	5	3	10	3	"	D, C	Brown clay 23; fine sand 28; red shale 60.
HSW Con II " 11	Rosarie Farms	C. McClosure	Nov. 25, 1953	6	4	60	18	"	S	Stony red clay 18; red shale 60.
HSW Con II " 34	J. M. Oswald	"	Jul. 31, 1953	4	4	90	23	slight salt	D	Boulders 3; stony red gravel 25; red clay 30; red shale 90.
HSW Con III " 6	J. Harriet	W. E. Coore	Aug. 25, 1954	5	1	8	8	Fresh	D	Dug well 12; red shale 39.
HSW Con III " 9	Ont. Hydro Elec.	C. McClosure	Aug. 19, 1953	5	15 1/2	15	8	"	F	Black loam 5; brownish clay 10; red hardpan 15; red shale 48.
HSW Con V " 3	F. Brunsall	Brodie & Dennis	Aug. 26, 1953	6 1/2	105	14	14	Salt	D	Sandy soil 9; quicksand 23; pebble till 53; shale 105. Abandoned.
HSW Con V " 3	French & Son	"	Sep. 13, 1953	6 1/2	8	86	56	"	T	Sandy soil 9; quicksand 23; pebble till 53; shale 105. Dry hole.
HSW Con V " 7	V. Wagner	R. H. Gadke	Jun. 3, 1953	4	8	20	20	Fresh	D	Red shale 86.
HSW Con V " 7	F. Hall	C. McClosure	Jun. 30, 1954	5	8	20	4	"	D	Red clay 10; red shale 48.
HSW Con V " 9	R. Laidlaw	"	Oct. 20, 1954	5	6	10	4	"	D	Red clay 3; red shale 38.
HSW Con V " 27	C. Upshall	"	Sep. 14, 1954	5	6	70	70	"	D, S	Blue clay 120; grey silt 130; very fine gravel 132.
HSW Con VI " 6	B. Galloway	J. R. Sprowl	Apr. 15, 1954	5 1/2	1	125	40	"	D	Sand 5; blue clay gravel 85; quicksand 100; gravel clay 120; fine gravel 125.
HSW Con VI " 6	R. Barnett	C. McClosure	Aug. 26, 1954	4	6	138	15	"	D	Blow sand 2; brown clay 10; blue clay 80; red clay 86; red shale 138.
HSW Con VI " 27	J. Vanderfleest	"	Sep. 29, 1953	4			50	Salt	D	Red clay 10; red shale 33. Abandoned.
HSW Con VI " 28	C. H. Barnes	J. R. Sprowl	Jun. 8, 1954	6 1/2	4	60	20	Fresh	D	Clay 5; mixed red and blue shale 106.
HSW Con VI " 29	K. R. Thompson	"	Aug. 29, 1953	6 1/2	10	30	30	"	D	Red shale 103.
HSW Con VI " 29	F. Lyons	"	Aug. 4, 1954	6 1/2	3	65	20	"	D	Red clay 2; red shale 70.
HSW Con VI " 32	C. J. Wilkins	"	Jun. 16, 1954	4	10	22	12	"	D	Gravel clay boulders 22; grey limestone 55 1/2.

CIR, DSN, R, III	7	Ross Riverview Land Syndicate.	T.H. Rutledge	May 30, 1953	10	300	100	80	Fresh	P	Brown clay stones 15; hard blue clay boulders 45; blue clay 65; quicksand 70; blue clay 75; hardpan 168; gravel 188; hardpan 194; shale 198.
CIR, DSN RV	3	F. Denning	Brodie & Dennis	Jul. 16, 1953	6 1/2	1 1/2	42	9	"	D	Clay 8 1/2; hard shale 42.
CIR, DSN RV	3	A. Denning	"	Jul. 25, 1953	6 1/2	5	55	9	"	D	Clay 9; hard shale 60.
CIR, DSN RV	6	S. Plum	S.S. Rice	Sep. 1, 1954	4	3	50	20	"	D, S	Clay boulders 50; silt sand 80; coarse sand 90.
CIR, DSN RV	8	Nashiter	Brodie & Dennis	Sep. 28, 1954	5 1/2	6	50	20	Salt	D, S	Yellow clay 4; white clay 30; quicksand 42; blue clay pebble till 50.
CIR, DSN RI	1	B-A Oil Co.	"	Jun. 17, 1953	6 1/2	5	28	11	Fresh	C	Yellow clay 6; soft shale 9; hard shale 56.
CIR, DSN RI	9	T. Hollinger	D.P. Jacobson	Jul. 28, 1953	5 1/2	8	10	6	"	D	Brown clay flat rocks 17; brown shale rock 20; grey-blue shale 48.
CIR, DSN RI	4	F. Galway	"	May 16, 1953	2	2 1/2	54	54	Salt	C	Brown clay boulders sand 18; hard shale 120. Abandoned.
CIR, DSN RI	1	W. Brown	E.A. Core	Jun. 25, 1953	6	1	65	30	Fresh	D	Clay stone 20; soapstone 65.
CIR, DSN RI	1	A. Bannerman	Brodie & Dennis	Sep. 19, 1953	6 1/2	10	65	50	"	D	Clay 4 1/2; soft shale 13; hard shale 70.
CIR, DSN RI	1	D. Branding	"	Sep. 28, 1953	6 1/2	3 1/2	55	14	"	D	Clay 5; soft shale 13; hard shale 70.
CIR, DSN RI	11	H. Bradshaw	B. Huffman & Sons	Jul. 18, 1954	8	3	10	10	"	D	Brown sand 15; blue shale 45.
CIR, DSN RI	11	C.S. Shipp	"	Jul. 18, 1954	8	2	12	12	Salt	D	Brown sand 19; blue shale 51.
CIR, DSN RI	11	"	"	Jul. 22, 1954	8	4	11	11	"	D	Brown sand 16; blue shale 53.
CIR, DSN RI	11	"	"	Aug. 13, 1954	8	1	11	11	"	D	Brown sand 16; blue clay 41.
CIR, DSN RI	11	"	"	Aug. 26, 1954	6	3	50	18	"	D	Brown sand 15; blue shale 41.
CIR, DSN RI	23	McCulloch	Brodie & Dennis	Jul. 25, 1954	6 1/2	3	50	18	Fresh	D, S	Loam 3; blue clay 16; hard shale 62.
CIR, DSN RI	31	D.W. Wright	"	Jun. 14, 1953	6 1/2	5	Flows	15	"	D	Clay 4; hard shale 30.
CIR, DSN RI	9	W. McLennan	"	Nov. 9, 1954	7	4	70	15	"	D	Sandy top soil 3; blue clay 25; fine sand gravel 30.
CIR, DSN RI	33	J.A. Rogers	C. McClure	Aug. 25, 1953	4	4	83	25	"	D	Hard brown clay 10; red clay 23; red shale 72; grey shale 129.
CIR, DSN RI	34	B. Watson	"	Sep. 16, 1953	4	4	83	25	"	D	Stony gravel 10; red clay stones 20; clay boulders 33; red shale 103.
DSS Con I	31	Cons. Engine & Machinery Co.	D.P. Jacobson	Oct. 27, 1954	6 1/2	1 1/2	124	10	"	C	Loose shale 4; solid grey shale 45; hard limestone 47; grey shale hard limestone 134.
DSS Con I	31	G. VanHorne	J.R. Sprowl	Nov. 24, 1954	6 1/2	4	30	15	"	D	Heavy clay 5; blue shale 50.
DSS Con I	34	Grootbard & Cooper Ltd.	A. Core	Jul. 15, 1953	6	1 1/2	15	15	"	D	Clay 10; grey shale 45.
DSS Con II	35	Consumers Gas	Brodie & Dennis	Sep. 11, 1954	6 1/2	5	30	10	"	C	Top soil 1; red clay 12; blue shale 13; red shale 60.
DSS Con II	34	Diversey Corp.	D.P. Jacobson	Oct. 30, 1953	10	15	29	9	"	In	Top soil 7; grey shale 54.
DSS Con II	34	"	"	Jun. 10, 1954	5 1/2	10	38	7	"	In	Loose shale 7; grey shale rock 101. Salt water encountered at 72. Well plugged at 65.
DSS Con IV	33	W. Ollen	Brodie & Dennis	Dec. 20, 1953	6 1/2	1 1/2	100	18	Salt	P	Dug well 30; hard shale 100.
HSE Con I	2	S. Smith	D.P. Jacobson	Nov. 30, 1954	5 1/2	5 1/2	90	28	Fresh	D	Brown clay boulders 16; fine brown sand 42; rising quicksand 91; hard grey clay 93; soft shale rock 111.
HSE Con I	3	G/LH Lever	J.J. Graham	Sep. 24, 1953	10	35	125	36	"	S	Clay gravel 15; sandy clay 40; clay 50; brown sand 89; blue sandy clay 91; silt sand 100; hardpan 155; gravel 156; cemented sand 160; blue shale.
HSE Con I	7	W. Anderson	S.S. Rice	Jun. 12, 1953	5	8	102	5	"	D, S	Rubble clay 40; red shale 42; blue limestone 102.
HSE Con I	11	School	W.E. Core	Oct. 10, 1953	6	4	38	24	"	P	Top soil 1; blue clay 45; sand gravel 64.
HSE Con I	14	P. Earle	"	Nov. 28, 1953	4	4	21	21	"	D	Top soil 2; red clay 20; red shale 48.
HSE Con I	14	X. Hooper	S. McCauley	Mar. 15, 1954	4	4	44	25	"	D	Yellow sand 9; red rock 10; red clay 11; red rock 12; red sand 41; blue rock 42; red rock 60.
HSE Con III	10	S. Ritchie	W.E. Core	Jun. 4, 1953	4	4	20	12	"	D	Top soil 1; blue clay 12; gravel sand 16; shale 56.
HSE Con III	10	A. Hutton	"	Aug. 6, 1953	4	3	32	15	"	D	Top soil 1; clay 12; shale 35.
HSE Con IV	10	R.J. England	"	Jul. 12, 1953	4	4	12	10	"	D	Top soil 1; blue clay 10; blue shale 44.
HSE Con IV	13	R. Madgett	"	Oct. 1, 1953	4	4	25	12	"	D	Top soil 1; clay gravel 26; blue shale 40.
HSE Con IV	15	Larvin Lumber	S. McCauley	Feb. 27, 1954	5	5	25	12	"	P	Clay 7; blue shale 15; blue clay 24; blue shale streaks of blue clay 40; blue shale 62.
HSE Con VIII	10	A.T. Haney	C.E. Snider	Dec. 8, 1953	4	10	32	25	"	D	Top soil 2; yellowish clay 15; blue clay stones 35; sand silt 40; gravel sand 47.
HSE Con VIII	14	F. Deakin	B. Huffman & Sons	Sep. 22, 1954	5	5	45	18	"	D	Brown clay 32; blue clay 50; fine grey sand clay 79; grey sand fine stone 84; gravel 87.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PEEL COUNTY-cont. Toronto Twp. cont.										
HSW Con I " 3	School	D.P. Jacobson	Sep. 25, 1953	5½	40	145	55	Fresh	P	Blue clay 50; quicksand 14½; fine brown sand 150; coarse gravel fine sand 162; hardpan 165.
HSW Con I " 6	T.D. Lancaster	"	Apr. 30, 1954	5½	3	35	15	"	D	Brown clay 29; grey shale 51.
HSW Con I " 6	T. Crow	"	Jul. 22, 1954	5½	3	48	42	"	D	Brown clay 16; blue clay 50; hardpan clay sand 56; soft clay sand 58; sand gravel 62.
HSW Con I " 6	J.S. Dunn	W.E. Core	Nov. 25, 1954	4	2	18	8	"	D	Top soil 3; yellow clay 15; red shale 65.
HSW Con I " 7	W.M. Steen	C. McClure	Feb. 14, 1953	4	4	30	30	"	D	Blue clay 64; grey silty sand 80; gravel 109.
HSW Con I " 7	B. Madill	S.S. Rice	Feb. 15, 1953	5	4	150	10	"	D,S	Old well 100; blue shale; limestone 150.
HSW Con I " 7	"	"	Mar. 27, 1953	5	8	70	5	"	D	Yellow and red clay 15; red medina rock 45; limestone 70.
HSW Con I " 12	G. Ball	D.P. Jacobson	May 28, 1953	5½	3	125	31	"	D	Blue clay 60; quicksand 14½; fine brown sand 73; coarse sand gravel 81; grey clay boulders 96; brown shale rock 99; blue shale 126.
HSW Con I " 15	F. DeMark	C. McClure	Dec. 21, 1953	4	4	86	23	"	D	Dug well 20; sand stones 30; red shale 86.
HSW Con I " 15	Town/Country	W.E. Core	Sep. 1, 1954	4	4	30	24	"	D	Brown clay 15; red clay 33; red shale 62.
HSW Con I " 15	"Const. Co."	"	Sep. 16, 1954	4	1½	30	25	"	D	Brown clay 30; red clay 39; red shale 71.
HSW Con I " 15	F. DeMark	"	Oct. 30, 1954	5	1½	23	20	"	D	Top soil 1; yellow clay 40; grey shale 78.
HSW Con II " 10	G. Stoutt	D.P. Jacobson	Sep. 20, 1953	5½	10	14	?	"	D	Blue clay 89; fine grey sand 93; coarse gravel 94½; blue-green clay 105; very coarse sand some gravel 108.
HSW Con II " 11	St. Mary's Seminary	Brodie & Dennis	Jan. 10, 1954	6	6	60	11	"	P	Sand clay 12; coarse sand silt 35; blue clay 78; silt fine sand 159; silt fine gravel 160; shale 164.
HSW Con III " 1	R. Krepper	D.P. Jacobson	Jun. 15, 1953	5	3	55	14	"	D	Brown clay boulders 20; stones gravel 44; grey shale 60.
HSW Con III " 6	P. Courtney	T.H. Rutledge	Mar. 15, 1953	4	5	85	60	"	D	Previously drilled 70; muddy sand gravel 72; blue clay 92; hardpan 99; gravel.
HSW Con III " 9	J. Chadwick	Brodie & Dennis	Sep. 4, 1953	6½	30	40	23	"	D	Clay 42; silt 60; silt gravel 63; silt pebbles 90.
HSW Con III " 11	L. Emerson	D.P. Jacobson	Sep. 5, 1954	6½	8	20	Flows	"	D	Brown sand gravel stones boulders 12; grey and blue clay 65; gravel stones some clay chunks 85; grey clay 90; gravel large stones fine sand 108.
HSW Con IV " 2	W. Hillman	Brodie & Dennis	Feb. 20, 1953	6½	1½	63	51	Sulphur	D	Grey clay 35; grey shale 40½; blue shale 51; rock 58½; blue shale 63½.
HSW Con IV " 2	K. Honsberger	"	Mar. 30, 1953	6½	2½	50	12	Fresh	D	Sand 7; blue clay 18½; blue shale 63.
HSW Con IV " 2	E. Drury	S.S. Rice	Dec. 11, 1953	6	2½	96	46	Salt	D	Yellow clay boulders 35; blue clay 41; sandstone limestone 96.
HSW Con IV " 5	E. Christl	"	Sep. 30, 1953	5	8	20	10	Fresh	D	Abandoned.
HSW Con VI " 4	P. Zymonecyk	Brodie & Dennis	Apr. 11, 1953	6½	1	30	10	"	D	Yellow clay boulders 15; limestone 70.
Toronto Gore Twp.										Red clay 4; red shale 30.
ND Con VII lot 4	Lundberg Exploration	C. McClure	Mar. 17, 1953	4	4	40	22	Fresh	D	Top soil 3; blue clay 80; sandy clay 100; gravel 105; coarse stones 108.
ND Con VII " 10	G. Monk	"	Nov. 19, 1954	4	6	10	Flows	"	D,S	Blue clay 40; grey hardpan 55; sandy silt 70; fine gravel 80.
ND Con VIII " 1	H.D. Jones	D.P. Jacobson	Jun. 30, 1954	5½	½	110	26	"	D	Brown clay 83; grey clay gravel sand 83½; grey clay silt gravel 88; sand silt gravel 96; grey clay gravel 104; sand silt gravel 115.
ND Con VIII " 1	D. Manning	"	Jul. 12, 1954	5½	1½	77	19	"	D	Brown clay gravel 15; grey clay gravel 75; sand gravel 78; grey shale 82.
ND Con VIII " 1	R. Byron	"	Sep. 21, 1954	5½	5	85	28	"	D	Gravelly brown clay 12; grey clay 30; sandy grey clay 86; very sandy grey clay 99; fine and coarse sand gravel 112; fine and coarse gravel little sand 117; fine and coarse sand 123; gravel.
ND Con VIII " 2	H. Lewis	D.P. Jacobson	Sep. 8, 1954	5½	6	80	33	"	D	Brown clay gravel 16; blue clay gravel 38; fine sand gravel 38½; fine grey sand 62; grey clay sand gravel 88; sand and gravel mixed 95; clay sand gravel 115; fine sand 116.
ND Con VIII " 8	E. Hodgson	C.H. Rutledge	Jul. 15, 1954	6	5	110	48	Fresh	D	Dug well 50; blue clay 70; gravel clay 72; clay 75; shale 110.
ND Con VIII " 8	"	"	Jul. 20, 1954	6	5	110	48	"	D	Brown clay 18; blue clay 70; blue clay mud stone 75; blue shale 110.

PEEL COUNTY-cont.

[illegible]

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY-cont. Elma Twp. cont.										
Con XVI lot 28	W.Coxon	W.Hopper & Sons	Nov.18,1953	4	9	12	10	Fresh	D,S	Blue clay 50;grey clay 110;very red clay 155;white shale 165.
Con XVI " 32	School S # 9	"	Aug. 5,1953	4	10	10	6	"	P	Top soil yellow clay 10;blue clay 25;white clay stones 55;
Con XVII " 15	R.Rennick	C.Keeso	Nov. 3,1954	4	13	20	18	"	D	hardpan shale 90;yellow limestone 137.
Con XVIII " 27	M.Broughton	"	Aug. 4,1953	4	14	5	3	"	S	Clay 16;hardpan 60;sandy clay 90;sand gravel 110;shale 118; brown rock 132.
Fullarton Twp.										Clay 40;gravel clay 60;sand 70;shale 83;brown rock 110.
Con I lot 14	D.Fisher	W.Hopper & Son	Aug.26,1954	4½	9	28	25	Fresh	D,S	Top soil 2;stony hardpan 40;blue clay 60;hardpan 77;brown limestone 125.
Con II " 16	J.Rauser	"	Mar.15,1954	4	10	45	40	"	D,S	Grey clay 40;hardpan stones 101;coarse gravel 112;grey limestone 154.
Con II " 20	H.Fawcett	E.Bell	Sep.16,1954	4	5	64	64	"	D,S	Clay 25;sand 30;clay 50;hardpan 70;clay 100;hard clay 102; limestone 127.
Con II " 26	A.Rondie	"	Jun.17,1953	4	13		52	"	D,S	Clay 50;hardpan 70;stones sand 90;sand 110;clay 125;limest.157.
Con II " 26	F.Harris	"	Sep.24,1953	4	5		31	"	D	Clay 20;clay boulders 50;clay 60;sand 95;limestone 121.
Con III " 15	W.Fam	W.Hopper & Sons	Aug.18,1954	4½	10	43	43	"	D,S	Top soil yellow clay 13;gravel 15;hardpan 113;loose rock 120; yellow limestone 154.
Con IV " 21	W.Nichols	E.A.Keeso	Oct. 4,1954	4	12	83	80	"	D,S	Clay stones 120;sand 148;yellow sand 161;sandstone 190; limestone 192.
Con IV " 25	D.Bailey	W.Hopper & Sons	Aug.25,1953	4	8	100	85	"	D,S	Top soil yellow clay 12;blue clay 80;hardpan 150;sandy clay stones 181;rock 227.
Con V " 29	C.Brownlee	E.Bell	Oct.13,1954	4	10	96	96	"	D,S	Very hard clay 4;hardpan 25;hard clay stones 60;hardpan 80; hard clay stones 103;limestone 189.
Con VII " 8	B.Knott	H.A.Kerr	Apr.23,1953	4	15	110	90	"	D,S	Clay 40;hardpan 65;clay 106;rock 159.
Con IX " 4	G.Gruber	W.Hopper & Sons	Sep.24,1954	4½	10	80	76	Fresh	D,S	Dug well 17;blue clay stones 70;hardpan 91;soft yellow limestone 96;brown limestone 135.
Con IX " 16	School S.#3	"	Jul.31,1954	4½	5	90	85	"	P	Fill 110;stones 5;hardpan 102;gravel 115.
Con XVII " 19	W.R.Clarke	"	Sep.1,1954	4½	8	150	150	"	D,S	Top soil 1½;yellow clay 12;blue clay 39;hardpan 94;white limestone 197.
Con XVIII " 20	A.Clarke	"	Oct.19,1954	4½	8	135	134	"	D,S	Top soil 1;yellow clay 12;sandy clay 17;stony clay 73; white limestone 180.
Hibbert Twp.										
Con I lot 16	Friend & Whetam	W.Hopper & Sons	Apr. 7,1954	5½	11	38	38	Fresh	C	Cellar 4;yellow clay 12;blue clay 67;hardpan stones 103; grey limestone 167.
Con I " 19	T.Dorsey	C.Keeso	Feb.28,1953	4	14		27	"	D,S	Old well 20;gravel clay 40;hardpan 72;sand 84;shale 90; limestone 120.
Con III " 1	Hesky Flax Products Ltd.	W.Hopper & Sons	Sep. 2,1953	4	9	75	70	"	In	Top soil 1;yellow clay 15;hardpan 100;gravel stones 115; hardpan 120;limestone 195.
Con VII " 15	F.Roney	"	Jun.18,1954	4	6	125	125	"	D,S	Top soil yellow clay 12;sandy clay 18;hardpan 68;gravel sand 75;loose rock 78;brown limestone 145.
Con VIII " 1	N.Dow	"	Nov.20,1953	4	5	305	301	"	D,S	Top soil 2;yellow clay 14;blue clay 31;hardpan 62;white limestone 150;yellow rock 300;black and white rock 334.
Listowel										
Con I lot 35	Spinrite Yarns	C.Keeso	Oct.18,1954	5½	50	26	17	Fresh	In	Top soil 6;clay 25;hardpan 40;shale 52;hard limestone 220; hard blue rock 262.
Legon Twp.										
Con I lot 35	J.Meagher	W.Hopper & Sons	Mar.17,1954	4½	8	44	40	Fresh	D,S	Top soil clay 10;very stony hardpan 40;hardpan 85;gravel 90; cemented gravel 102;brown limestone 163.
Con IV " 20	T.McKenzie	E.Bell	Jun.11,1954	4	10		52	"	"	Old well 30;clay stones 50;sand clay 60;clay 105;limestone 166.
Con IV " 24	A.Rock	E.Bell	Nov.16,1954	4	7	52	52	"	D,S	Clay 50;clay stones 74;hardpan 90;clay stones 106;limest.164.
Con VIII " 30	W.Hoegy	E.A.Keeso	Oct.15,1954	4	12	47	46	"	D	Dug well 11;clay 38;clay gravel 76;shale rock 91;brown limest.96

PERTH COUNTY-cont.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PERTH COUNTY-cont. South Easthope Twp. Con I lot 43	H. Baird	H. A. Kerr	Nov. 12, 1953	4	15	80	60	Fresh	D	Clay 40; marl 41; clay 88; gravel sand streaks 97; sand clay gravel 160; limestone 190.
	" 30	"	Apr. 15, 1953	4	15	70	50	"	D, S	Clay 64; sand 77; stony clay 86; blue clay 141; black clay 154; hardpan 170; clay 190; stony clay 215; rock 235.
	" 6	"	Sep. 30, 1954	4	15	37	34	"	D, S	Clay 30; hardpan 35; sand 54; gravel 55; sand 80; sand gravel 84; sand 133; limestone 172.
	" 10	"	Feb. 20, 1954	4	15	40	20	"	D, S	Clay 29; sand 32; hardpan 54; sand 90; clay sand 128; hardpan 145; limestone 175.
	" 20	"	Mar. 14, 1953	4	8	45	36	"	C	Clay 7; sand 84; hardpan 113; blue clay 125; dirty gravel sand 143; clay hardpan 161; sand 164; hardpan 171; sand 182; hardpan 190; shale 193; limestone 202.
	" 38	"	Dec. 20, 1954	4 1/2	8	45	40	"	D, S	Top soil yellow clay 10; blue clay 29; blue clay with gravel 90; hardpan 150; cemented gravel 173; yellow limestone 200.
Stratford	Stratford Salvage	W. Hopper & Sons	Oct. 1, 1953	4	9	50	40	"	D	Top soil clay 10; blue clay 50; gravel 65; hardpan 125; sand gravel 135; loose shale 170; yellow limestone 187.
	Wallace Twp. lot 48	C. Keeso	Dec. 3, 1954	4	14	19	17	Fresh	D	Clay 25; hardpan 60; sand 75; sandy shale 98; limestone 116.
Con VI	W. Elliott	E. A. Keeso	Jan. 17, 1953	4	12	42	39	"	D, S	Clay stones 60; shale rock 100; hard white limestone 148.
	PETERBOROUGH COUNTY									
Anstruther Twp.	E. Montgomery	Gallagher/Barton	Feb. 23, 1953	4	1 1/2		3	Fresh	D	Black granite 4; blue-grey granite 14.
	Con I lot 34	"	Mar. 14, 1953	4	1 1/2	34	20	"	D	Blue-grey granite 23. Dry hole.
	Con I " 34	"	May 21, 1953	5	2	10	6	"	D	Sand 20; quicksand 42.
	Con I " 36	"	Mar. 27, 1953	5				"	D	Brown clay 3; blue granite 16.
	Con I " 36	"	Jun. 6, 1953	5				"	D	Brown loam 3; grey granite 50. Dry hole.
	Con II " 38	"						"		
Asphodel Twp.	School S. #4	Bailey & Lloyd	Sep. 22, 1953	5	3	16	11	Fresh	P	Clay gravel 7; grey limestone 17.
	Con V lot 13	"	Dec. 15, 1953	5	2 1/2	16	16	"	D	Brown sandy loam 20; grey quicksand 21.
	Con V " 14	"	Oct. 18, 1953	5	24	24	24	"	D	Sandy brown loam 30; greyish quicksand 32.
	Con V " 15	"	Aug. 30, 1953	5	7	19	19	"	D, S	Grey clay gravel 24; grey sand 25.
	Con VI " 20	"	Dec. 21, 1953	5	7	25	20	"	D, S	Clay gravel 10; hardpan 34; grey sand 35.
	Con VII " 10	"	Nov. 15, 1953	5	5	20	17	"	D	Brown sandy loam 4; sandy gravel 12; light-grey gravelly clay 24; grey sand.
Con VIII	L. Watson	A. Kennedy	Jul. 3, 1954	5	2 1/2	10	4	"	D	Shale limestone clay 5; grey limestone 16.
	Con IX " 7	"	Oct. 21, 1953	5	1 1/2	26	14	"	D	Old well 15; hard whitish-yellow clay stones 26.
	Con IX " 19	N. N. Faulkner	Apr. 22, 1954	5	4	34	34	"	D	Top soil 1; sand fine gravel stones 38; blue clay fine gravel 42.
	Service Stn.									
Belmont Twp.	E. Jeffery	A. Kennedy	Apr. 22, 1954	5	7	7	4	Fresh	P	Sand limestone 2; grey limestone 25.
	Con I lot 5	"	Apr. 15, 1954	5	1	15	10	"	D	Sand boulders 16; grey and blue limestone 36 1/2.
	Con II " 6	"	Sep. 18, 1954	5	2	30	18	"	D, S	Sticky red clay 6; red and grey clay rock 50; grey limestone 65.
	Con II " 12	"	Nov. 11, 1954	5	1 1/2	15	12	"	D	Clay boulders 16; red and blue granite 35.
	Con IV " 8	"	Aug. 16, 1954	5	1 1/2	45	19 1/2	"	P	Clay boulders gravel 20; pink granite 25; hard green granite 29; blue-grey granite 36; hard green granite 47 1/2.
	Con V " 11	"						"		Red clay boulders 14; soft red rock 22.
Con VI	A. Wilson	"	Aug. 6, 1954	5	1 1/2	16	10	"	D	Grey and green rock 29 1/2.
	G. Rodgers	"	Aug. 22, 1953	5	7	29 1/2	12	"	D	Earth 2; red and grey rock 22.
	McInnis/Gillespie	"	Jul. 21, 1953	5 1/2	7	7	7	"	D	
	Con VI " 13	"	May 28, 1954	5	1 1/2	7	4 1/2	"	D	Shale black stone 5; hard black and blue stone 29.

PETERBOROUGH COUNTY-cont.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C. (Travel large stones).

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PETERBOROUGH COUNTY										
Dunn Twp. cont.										
Con XI lot 2	C.B. Young	W. Sanderson	Sep. 7, 1953	6½	5	30	6	Fresh	D	Top soil 2; blue till 39; gravel 40.
Con XI " 2	R. McQuade	N.N. Faulkner	May 14, 1954	6	2½	7	6	"	D	Top soil 2; brown clay small stones 20; blue clay shale layers 22; blue limestone 35.
Con XII " 1	C. Montgomery	"	Feb. 2, 1953	6½	5	30	15	"	D	Till 43; gravel 45.
Con XII " 1	W. Taylor	W. Sanderson	Nov. 16, 1953	6½	5	30	12	"	D	Fill 3; brown clay stones 20; blue till 40; grey limestone 60.
Con XII " 1	B. Crockett	N.N. Faulkner	Aug. 20, 1954	2½	12	10	10	"	D	Top soil 1; brown clay stones 12; clay 43; blue clay gravel 45.
Con XII " 1	S. Ashaber	"	Oct. 4, 1954	6½	5	30	10	"	D	Top soil 1; brown clay stone 15; grey clay stone 37; gravel 41.
Con XII " 2	Kawartha	"	Oct. 19, 1954	8	25	100	90	"	C	Brown clay 15; grey clay stones 100; limestone 120.
Con XII " 4	Broadcasting	"	Feb. 7, 1953	6	2½	8	5	"	D	Till 17; limestone 35.
Con XII " 4	L. Hartman	"	May 1, 1954	6	10	13	13	"	D	Top soil 1; sand gravel large stones 18; coarse gravel 20.
Dummer Twp.										
Con I " 13	A. Ciarmont	N.N. Faulkner	Feb. 8, 1954	8	8	15	10	Fresh	D	Till stones 10; limestone 25.
Con III " 9	B. Moore	Gallagher/Barton	Jan. 16, 1953	5	1	20	22	"	S	Brown clay boulders 5; shale 8; grey limestone 42.
Con III " 13	J. Lisicum	N.N. Faulkner	Oct. 28, 1954	6	7½	28	22	"	D	Old dug well 12; blue clay stones sandy gravel 49; shale gravel 51.
Con IV " 5	T. Webster	Gallagher/Barton	Nov. 12, 1953	5	2	10½	8½	"	D	Brown clay 20; shale 22; grey limestone 32.
Con VI " 29	E. Drain	A. Kennedy	Jan. 24, 1953	5	10½	8½	8½	"	D	Sand clay 15; medium granite 17; sandstone 18½; medium granite 19.
Con VI " 29	B. Bolton	"	Dec. 8, 1953	5	74	74	6	"	D	Clay boulders 6; white limestone 15; blue limestone 37; pink limestone 48; brown limestone 62; soft granite 73; hard granite 87.
Con VI " 29	"	"	Dec. 12, 1953	5	45	45	20	Fresh	D	Drill hole.
Con VII " 31	E. Miles	"	Jul. 19, 1954	5	1½	27	10½	"	D	Clay boulders 5; limestone 50.
Con IX " 14	P. Vandenburg	"	Sep. 23, 1954	5	2	52	29	"	D	Red clay boulders 9; hard blue-grey granite 29½.
Con IX " 32	S. Millies	"	May 12, 1954	5	2½	15	1½	"	D	Dug well 17; grey limestone 58.
Con IX " 32	R. M. Parker	"	Aug. 4, 1954	5	1½	39	1½	"	D	Red clay shale 8; red limestone 36.
Con X " 30	P. Kingsley	"	Jul. 26, 1954	5	74	74	6	"	D	Clay sand 8; grey-blue granite 49.
Emmison Twp.										
Con II lot 5	B. Young	W. Sanderson	Jun. 18, 1954	6	3	14	6	Fresh	D	Top soil 2; brown clay boulders 16; hard limestone 25.
Con III " 7	C.B. Young	"	Nov. 11, 1953	6½	30	10	6	"	D	Top soil 2; brown till 22; grey limestone 26.
Con V " 7	T. Harrington	"	Sep. 28, 1954	6½	2	85	21	"	D	Top soil 2; blue clay 10; dark-brown limestone 90.
Con V " 7	School S. #4	N.N. Faulkner	Nov. 4, 1954	6½	2½	91	20	"	P	Top soil 1; grey clay stones 28; limestone 111.
Con VIII " 10	J. Duffus	W. Sanderson	Apr. 29, 1953	6	8	25	3	"	P	Top soil 2; blue till 39; gravel 40.
Harvey Twp.										
Con VIII lot 10	E. Byers	P.A. McNeely	Jan. 4, 1953	5½	5	4	4	Fresh	D	Grey granite 37.
Con VIII " 10	A. Gummings	"	Mar. 15, 1953	5	8	34	18	"	C	Grey granite 65.
Con VIII " 10	J. Rawcett	L.B. Macdonald	Mar. 10, 1954	5½	1	57	15	"	D	Sand 27; granite 57.
Con VIII " 10	Trent Valley	P.A. McNeely	Jun. 14, 1954	5½	7	9	9	"	D	Stone boulders clay 9; granite 40.
Con VIII " 11	Waterways Stm.	"	Jan. 14, 1953	5½	4	18	18	"	D	Red granite 2; greenish granite 64.
Con VIII " 22	E. Guthrie	"	Jan. 24, 1953	5½	5	8	8	"	D	Brownish clay 11; blue limestone 64.
Con IX " 13	H. Windsor	"	Jul. 28, 1954	5½	1½	20	14	"	D	Granite 39.
Con XII " 18	H. Anderson	"	Jul. 15, 1954	5½	8	8	5	"	P	Earth 14; grey limestone 64.
Con XII " 2	J. Bane	"	Jun. 30, 1953	5½	5	8	5	"	D	Overburden 2; grey granite 22.
Con XIV " 17	A. Baker	N.N. Faulkner	Jun. 30, 1953	5½	5	28	4	"	D	Till 8; limestone 13.
Con XIV " 17	T.G. Devitt	C.D. Weaver	May 27, 1954	6	5	4	4	"	D	Brown sandy soil 4; black granite 28.
Con XVI " 8	O. Christman	G. Hart & Sons	Feb. 16, 1953	5	5	4	4	"	D	Top soil 2; sandstone 19; sand gravel 25.
Con XVIII " 8	"	"	Jun. 21, 1954	5	5	4	4	"	D	Gravel boulders 16; limestone 25.
Havelock	Bank of Toronto	A. Kennedy	Sep. 22, 1953	5	9	9	9	Fresh	P	Old well 9; gravel hardpan 18; yellow limestone 22.

PETERBOROUGH COUNTY-cont.

Havelock	W. Barton	A. Kennedy	Sep. 26, 1953	5	3	20	20	Fresh	D	Sand clay 20; yellow limestone 45.
Havelock	E. McMillan	"	Oct. 3, 1953	5	2	13	21	"	D	Old dug well 23; chalky grey limestone 44.
Havelock	H. Adley	"	Aug. 21, 1953	5	2	33	8	"	D	Sandy loam clay gravel 19; grey limestone 30½.
Havelock	E. Sanderson	"	Sep. 1, 1954	5	5	15	11	"	D	Basement 6; sand clay boulders 29; shale 33.
Havelock	C. Pickard	"	Sep. 29, 1954	5	3	42	32	"	D	Sand gravel 22; limestone 50.
Havelock	R. Gratton	"	Dec. 2, 1954	5	135	21	21	"	D	Clay muck 8; grey limestone 135.
Hiawatha Indian Reserve	H. McQuarrie	Gallagher/Barton	Jan. 28, 1953	5	3	7	0	Fresh	D	Sand 20; grey clay 23; shale 27.
Lakefield	L. B. MacDonald	L. B. MacDonald	Feb. 15, 1953	6½	8	40	7	Fresh	D	Sand 14; quicksand 18; hardpan 31; limestone 63.
Lakefield	E. Nickols	P. A. McNeely	Mar. 1, 1953	5½	2	20	20	"	D	Clay 5; limestone 40.
Lakefield	P. Jessup	W. Sanderson	Mar. 6, 1953	8	15	16	6	"	D	Dug well 20; grey till 33; sandy gravel 35.
Lakefield	P. R. Irwin	"	Apr. 21, 1953	8	8	40	18	"	D	Old well 32; blue till 24; gravel 26.
Lakefield	S. Griffire	"	May 12, 1953	6½	3	28	15	"	D	Top soil 3; blue till gravel 52; rock.
Lakefield	S. Ful	N. N. Faulkner	Jul. 6, 1953	6½	18	25	12	Slight Sulphur	D	Till 8; limestone 30.
Lakefield	H. Harding	W. Sanderson	Feb. 26, 1954	6½	5	30	6	Fresh	D	Top soil 2; brown clay stones 10; grey limestone 40; dark limestone 52.
Lakefield	E. Millage	"	May 15, 1954	6½	8	35	13	Fresh	D	Top soil 2; brown clay stones 18; chalky limestone 40; dark limestone 43.
Lakefield	"	"	Oct. 27, 1954	8	24	18	12	Fresh	D	Top soil 2; blue clay stones 22; dark-brown limestone 25.
North Monaghan Twp.	W. Waterman	W. Sanderson	Nov. 4, 1953	6½	7	14	10	Fresh	D, S	Old dug well 18; grey limestone 29.
Con X	W. Skelhorn	N. N. Faulkner	Oct. 1, 1953	6½	1	91	25	"	D	Till 19; gravel 21.
Con XI	J. Anderson	"	Nov. 24, 1953	6½	5	22	15	"	D	Top soil clay 2; grey hardpan boulders 93; gravel 96.
Con XI	E. Loveday	"	Jul. 5, 1954	6½	8	45	38	"	D	Dug well 10; brown sandy clay 33; gravel 36.
Con XI	G. Bronson	"	Sep. 8, 1954	6	17	42	42	"	D	Top soil 2; small stones brown clay 36; blue clay sand 57; fine gravel 59.
Con XI	J. Pollock	"	Sep. 14, 1954	6	2	28	12	"	D	Top soil 3; blue clay stones 48; blue clay sand 68; gravel 72.
Con XI	W. Monette	A. Kennedy	Oct. 13, 1954	5	2	21	10	"	D	Clay boulders gravel sand 42.
Con XI	A. Beauchaire	"	Oct. 21, 1954	5	2	20	15	"	D	Clay boulders sand gravel 36.
Con XI	B. Bishop	"	Nov. 4, 1954	5	3	24	13	"	D	Clay boulders sand gravel 40.
Con XI	E. Wilshaw	H. C. Gallagher	Nov. 27, 1954	5½	8	44	6	"	D	Top soil 1; sand 15; light-grey clay 77.
Con XI	A. Honzwite	N. N. Faulkner	Jun. 10, 1953	6½	8	143	131	"	D	Till 40; gravel 44.
Con XI	J. Moore	"	Aug. 6, 1953	6½	8	90	83	"	C	Till 62; gravel 60.
Con XI	Anthony's	"	Jun. 8, 1953	6½	8	38	20	"	D	Old well 10; grey clay hardpan stones 35; grey clay pebbles 70; grey clay 135; sandy gravel hardpan 143.
Con XI	Fruit Market	"	Sep. 18, 1953	6½	8	40	10	"	D	Till 60; sand 90; gravel 100.
Con XI	U. Jettory	"	Dec. 9, 1954	5½	8	46	25	"	D	Top soil 2; sand 15; clay sand 55; gravel 58.
Con XI	U. Woron	T. J. Curtis	Sep. 15, 1953	5½	13	114	104	"	D	Hardpan boulders 36; white clay 60.
Con XII	W. A. Marson	N. N. Faulkner	Feb. 12, 1953	6½	12	60	40	"	D	Till 60; sand gravel 69.
Con XII	A. Harrison	"	Mar. 28, 1953	6½	8	60	40	"	D	Till 30; clay sand 60; sand gravel 66.
Con XII	E. Hubble	W. Sanderson	Nov. 28, 1953	6½	8	60	40	"	D	Sand 30; quicksand 90; blue clay 95; sand 104; sandy gravel 138; coarse gravel 140.
Con XII	D. Gobecca	"	Aug. 11, 1954	6½	5	56	20	"	D	Top soil 2; brown clay 15; blue clay boulders 45; blue clay layers of gravel 73; gravel 75.
Con XII	J. P. Sharp	N. N. Faulkner	May 12, 1953	6½	5	62	14	"	D	Till 65; gravel 68.
Con XII	T. Henry	"	Apr. 7, 1954	6	5	34	10	"	D	Top soil 2; brown clay some small stones 42; blue clay some sand gravel 72.
Con XII	N. DeCarlo	"	May 25, 1953	6	5½	12	4	"	D	Till 46; gravel 48.
Con XII	P. Bianco	"	Jul. 2, 1953	6½	13	64	57	"	D	Till 20; gravel 22.
Con XIII	Robbins/Rester	"	Jun. 23, 1953	6½	8	43	20	"	D	Dug well 57; gravel 75.
Con XIII	B. Scarlett	"	Mar. 24, 1953	6½	8	72	20	"	D	Till 55; gravel 58.
Con XIII	L. Harrison	"	May 22, 1953	6½	1	20	12	"	D	Top soil brown clay 2; grey hardpan boulders 100; gravel 102.
Con XIII	L. Mahood	"	Jun. 25, 1953	5	1½	30	8	"	D	Black clay 1; grey clay pebbles 28½.
Con XIII	A. Watson	Gallagher/Barton	Nov. 5, 1953	6½	5	30	8	"	D	Till 40; gravel 45.
Con XIII	N. N. Faulkner	N. N. Faulkner	Nov. 5, 1953	6½	5	30	8	"	D	Till 40; gravel 45.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PETERSBOROUGH COUNTY-- cont.										
North Monaghan Twp. cont.										
Con XIII lot 10	C. Krug	N.N. Faulkner	Mar. 23, 1954	6	8	55	55	Fresh	D	Top soil 2; clay small stones 40; some large stones clay 70; coarse sand fine gravel 72.
Con XIII " 10	A. Watson	"	Jun. 10, 1954	6	5	15	15	"	D	Top soil 2; sand gravel large stones 20; gravelly hardpan gravel 54.
Con XIII " 10	G. S. Wade	"	Nov. 1, 1954	6	7	40	17	"	D	Dark top soil 1; fine gravel stones brown sand 13; blue hardpan some gravel 48; coarse gravel 50.
Con XIII " 10	W. Parson	W. Sanderson	Nov. 18, 1954	6 1/4	12	30	6	"	D	Top soil 2; brown clay stone 15; blue clay 46; gravel 48.
Con XIII " 10	R. Road	"	Nov. 23, 1954	6 1/4	12	30	10	"	D	Till 3; brown clay stones 20; blue clay 4; gravel 44.
Con XIII " 10	Lakeland Const.	"	Nov. 27, 1954	6 1/4	12	25	3	"	D	Top soil 2; brown clay stones 15; blue clay 48; gravel 49.
Ontonabee Twp.										
Con III lot 29	L. Dunford	A. Kennedy	Jun. 19, 1954	5	3	25	16	Fresh	D, S	Gravel boulders 18; grey limestone 37.
Con VI " 18	F. Austin	N.N. Faulkner	Jan. 23, 1954	5	7	17	16	"	D	Old well 17; stones gravel 29; hardpan gravel 60.
Con VI " 18	O. McValley	A. Kennedy	May 23, 1954	5	2 1/2	38	7	"	D	Clay fall rock 5; blue and grey limestone 43 1/2.
Con VI " 18	C. Kemp	"	May 20, 1954	5	3	10	8	"	D	Clay shale limestone 3 1/2; grey limestone 29 1/2.
Con VII " 13	H. Stewart	N.N. Faulkner	Jan. 8, 1954	6	8	15	10	"	S	Hardpan blue clay 37; shale rock 39.
Con VII " 13	H. McFee	"	Jan. 8, 1954	6	8	18	9	"	D	Hardpan stones 26; blue clay gravel 39.
Con VII " 17	School S. #4	"	Oct. 7, 1954	8	10	43	6	"	P	Top soil 2; grey clay stones 66; limestone 63.
Con VII " 27	I. Lord	H.C. Gallagher	Aug. 28, 1953	6	1 1/4	20	12	"	D	Dug well 12; fine sand 17; quicksand 22.
Con VII " 27	R. Stewart	N.N. Faulkner	Jan. 6, 1954	6	8	57	25	"	S	Gravelly hardpan 31; shale rock hardpan 55.
Con VIII " 11	H. Stillman	"	Jan. 16, 1954	6	8	30	30	"	S	Stones 12; gravelly hardpan 61; shale rock 74.
Con VIII " 27	C. Lesack	"	May 27, 1954	6	13	30	3	"	D	Top soil 1; gravelly blue hardpan stones 34; shale rock 36; blue limestone 54.
Con IX " 27	Vigor Oil Co.	"	Oct. 28, 1954	6 1/4	13	28	10	"	C	Top soil 3; grey clay stones 35; gravel 38.
Con X " 27	M. Forsyth	"	Aug. 12, 1954	6	4	12	8	"	D	Top soil 2; blue clay some pebbles 44; blue clay gravel 46.
Con XI " 24	L. Tompkins	"	May 13, 1954	6	3	8	4	"	D	Top soil 2; clay pebbles 14; clay some sand 38; clay gravel 41.
Con XI " 25	E. G. Mills	W. Sanderson	Oct. 11, 1954	6 1/4	18	30	2	"	D	Top soil 2; brown clay boulders 20; blue clay stones 25; gravel 57.
Con XI " 25	G. Caldwell	"	Oct. 13, 1954	6 1/4	6	20	2	"	D	Top soil 2; blue clay 36; gravel 38.
Con XI " 31	W. Price	"	Sep. 24, 1953	6 1/4	5	60	17	"	D, S	Old well 40; grey limestone 73.
Con XI " 32	D. Nickle	"	Nov. 21, 1953	6 1/4	3	30	14	"	D	Old well 20; blue till 53; layer of gravel rock 54.
Con XII " 1	J. Stuart	N.N. Faulkner	Jun. 20, 1954	6 1/4	2 1/2	12	6	"	D	Top soil 2; blue clay some small stones 32; blue clay gravel 42.
Con XIII " 12	A. Robinson	W. Sanderson	Feb. 1, 1954	6 1/4	2	80	20	"	D, S	Old well 32; blue clay big stones 85; layers of gravel top rock 86.
Con XIII " 25	School S. #16	N.N. Faulkner	Sep. 24, 1953	6 1/4	8	80	20	"	P	Till 30; grey clay 90; gravel 96.
Con XIII " 25	E. Lowes	"	Nov. 30, 1953	6 1/4	5	91	35	"	D	Dug well 35; grey hardpan 98; gravel 101.
Con XIII " 25	W. Curtis	"	Jun. 15, 1954	6	17	30	10	"	D	Top soil 1; sandy gravel 10; blue clay some large stones 84; fine gravel 86.
Con XIII " 26	J. Peel	"	Apr. 10, 1953	6 1/4	3	23	10	"	D	Till 30; gravel 32.
Con XIII " 26	W. A. Harvey	"	Jun. 12, 1953	6 1/4	3	23	10	"	D	Till 30; gravel 33.
Con XIII " 26	H. Davis	"	Jul. 24, 1953	6	4	110	12	"	D	Top soil 2; clay gravel shale rock 18; blue limestone 120.
Con XIII " 26	H. Corrigan	"	Aug. 16, 1954	6	6	101	42	"	D	Top soil 1; sandy gravel some clay 28; blue clay some gravel 112; shale rock gravel 115.
Con XIII " 26	R. Davis	"	Aug. 18, 1954	6	7	16	3	"	D	Top soil 2; gravel clay shale rock 18.
Con XIV " 23	G. R. Henry	"	Jun. 24, 1954	6	13	35	25	"	D	Top soil 2; clay some stones 42; clay some sand 68; coarse sand fine gravel 72.
Con XIV " 24	J. Hock	"	Feb. 20, 1953	6 1/4	7	57	30	"	D	Top soil 1; grey clay hardpan boulders 70; gravel shale rock 72.
Petersborough	Silverwood Dairies Ltd.	N.N. Faulkner	Feb. 2, 1953	10	150	29	12	Fresh	In	Till 29; gravel 50.
Petersborough	Campbell's Dairy Product	"	May 26, 1953	10	42	20	12	"	In	Till 20; sand 40; gravel 50.

PETERBOROUGH COUNTY-cont.

PETERBOROUGH COUNTY-cont.	Lot	Owner	Gallagher/Barton	Date	Notes	Fresh	11	14	2	5	D	Brown clay 2; grey clay 24. Clay hardpan 69. Dug well 12; grey clay boulders 27; coarse sand 28.
Peterborough		N. Peconi	Gallagher/Barton	Jun. 13, 1953								
Peterborough		S. McDumott	L. Macdonald	Mar. 22, 1954								
Peterborough		L. Belanger	H. Gallagher	Sep. 14, 1954								
Smith Twp.												
CRE	lot 2	F. J. Dunford	W. Sanderson	Jan. 8, 1953								
CRE	" 2	J. Gallagher	Gallagher/Barton	Jan. 26, 1953								
CRE	" 2	J. E. Holder	"	Feb. 4, 1953								
CRE	" 2	A. E. Johnston	N. N. Faulkner	Feb. 17, 1953								
CRE	" 2	J. C. Keay	"	Dec. 30, 1953								
CRE	" 5	V. Fairbairn	"	Sep. 20, 1953								
CRE	" 5	V. Fairbairn	H. C. Gallagher	Sep. 28, 1953								
CRE	" 5	F. H. Cook	W. Sanderson	Oct. 1, 1954								
CRE	" 12	D. Conners	"	May 4, 1953								
CRE	" 12	H. N. Campbell	N. N. Faulkner	Sep. 3, 1953								
CRE	" 12	J. Carre	W. Sanderson	Oct. 2, 1953								
CRE	" 12	R. Howard	"	Nov. 7, 1953								
CRE	" 12	R. Clark	N. N. Faulkner	Nov. 18, 1953								
CRE	" 12	W. Givens	"	Sep. 30, 1954								
CRE	" 2	A. Tucker	"	Jul. 31, 1954								
CRE	" 2	J. McCreery	W. Sanderson	Jan. 19, 1954								
CRE	" 2	S. G. Smith	N. N. Faulkner	Jan. 22, 1954								
CRE	" 2	P. A. Beatty	"	Jul. 3, 1954								
CRE	" 12	P. E. Bell	"	May 14, 1953								
CRE	" 12	J. A. Preston	"	Apr. 21, 1953								
CRE	" 12	A. A. Kuno	"	Apr. 20, 1953								
CRE	" 12	H. A. Mitchell	"	Jun. 20, 1953								
CRE	" 12	W. Rooney	"	Oct. 14, 1953								
Con I	" 11	Valley View Co-op.	W. Sanderson	May 18, 1954								
Con I	" 11	"	"	May 19, 1954								
Con I	" 11	"	"	May 21, 1954								
Con I	" 11	"	"	May 25, 1954								
Con I	" 11	"	"	May 26, 1954								
Con I	" 11	"	"	May 27, 1954								
Con I	" 11	"	"	May 29, 1954								
Con I	" 11	"	"	Jun. 1, 1954								
Con I	" 11	"	"	Jun. 2, 1954								
Con I	" 11	"	"	Jun. 3, 1954								
Con I	" 11	"	"	Jun. 8, 1954								
Con I	" 11	B. Cressman	"	Jun. 21, 1954								
Con I	" 11	Valley View Co-op.	"	Jun. 21, 1954								
Con I	" 11	"	"	Jun. 21, 1954								
Con I	" 11	"	"	Jun. 22, 1954								
Con I	" 11	"	"	Jun. 25, 1954								
Con I	" 11	"	"	Jun. 28, 1954								
Con I	" 11	"	"	Jun. 30, 1954								
Con I	" 11	"	"	Jul. 1, 1954								

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PETERBOROUGH COUNTY- cont.										
Smith Twp. cont.										
Con I lot 11	Valley View Co-op.	W. Sanderson	Jul. 6, 1954	6 1/4	6	59	47	Fresh	D	Top soil 2; brown clay stones 30; blue clay boulders 70; gravel 72.
Con I " 11	"	"	Jul. 8, 1954	6 1/4	6	50	42	"	D	Top soil 2; brown hardpan 26; blue clay boulders 58; gravel 60.
Con I " 11	"	"	Jul. 9, 1954	6 1/4	6	56	45	"	D	Top soil 2; brown clay stones 25; blue clay boulders 63; gravel 68.
Con I " 11	"	"	Jul. 12, 1954	6 1/4	9	48	34	"	D	Top soil 2; brown hardpan 30; blue clay stones 60; gravel 61.
Con I " 11	"	"	Jul. 14, 1954	6 1/4	5	50	35	"	D	Top soil 2; brown clay 27; blue clay stones 60; gravel 61.
Con I " 11	"	"	Jul. 16, 1954	6 1/4	20	42	30	"	D	Top soil 2; brown clay boulders 24; blue clay boulders 56; gravel 58.
Con I " 11	"	"	Jul. 17, 1954	6 1/4	12	50	39	"	D	Top soil 2; brown clay boulders 28; blue clay 57; gravel 59.
Con I " 11	"	"	Jul. 19, 1954	6 1/4	18	40	39	"	D	Top soil 2; brown hardpan 20; blue clay 39; coarse sand 50; gravel 52.
Con I " 11	"	"	Jul. 20, 1954	6 1/4	18	42	40	"	D	Top soil 2; brown hardpan 20; blue clay boulders 40; coarse sand 52; gravel 54.
Con III " 2	M. Moncrief	M. N. Faulkner	Dec. 18, 1953	6 1/4	13	66	66	"	D, S	Top soil 1; grey hardpan boulders 75; gravel 77.
Con III " 16	R. Fowler	W. Sanderson	Dec. 4, 1953	6 1/4	12	80	37	"	D, S	Old well 55; blue till 97; sandy gravel.
Con III " 17	R. A. Brooks	H. C. Gallagher	Sep. 22, 1953	4	1	21	5	"	D	Dug well 4; grey clay boulders 24.
Con III " 21	Vigor Oil Co.	P. A. McNeely	Nov. 14, 1954	5 1/2	7	20	20	"	C	Dark loam 5; hardpan 20; shale 25; grey limestone 78.
Con IV " 22	J. Pasley	M. N. Faulkner	Feb. 11, 1953	6	7	45	22	"	D	Till 50; gravel 55.
Con IV " 22	J. Moore	Gallagher/Barton	Jul. 29, 1953	6	7	45	22	"	D	Brown clay 6; shale 8; grey limestone 72 1/2.
Con IV " 22	G. Phillips	H. C. Gallagher	Aug. 14, 1953	6	1	58	23	"	D	Brown clay 7; shale 9; grey limestone 51. Dry hole.
Con IV " 22	S. Giles	"	Aug. 20, 1953	6	1 1/2	13	3	"	D	Brown clay 5; grey clay 20; shale 27; grey limestone 73 1/2.
Con IV " 22	N. Peoni	"	Sep. 4, 1953	6	1 1/2	5	3	"	D	Brown clay 2; grey clay boulders 15; grey limestone 73 1/2.
Con V " 8	R. English	W. Sanderson	Oct. 1, 1953	6 1/4	18	42	30	"	In.	Gravel fill 2; grey clay boulders 10; coarse sand 12.
Con V " 23	G. Frude	P. A. McNeely	Nov. 30, 1953	6 1/4	3	20	20	"	D, S	Old well 44; blue till 55; gravel 56.
Con V " 23	O. Shewfelt	N. N. Faulkner	Aug. 15, 1953	8	1 1/2	20	4	"	D	Overburden 3; bedrock 76.
Con VI " 23	H. Peters	"	Sep. 11, 1953	6 1/4	7	42	25	"	D, S	Till 61; limestone 30.
Con VI " 21	E. N. Mahood	H. C. Gallagher	Jun. 26, 1953	6 1/4	7	42	12	"	D	Till 48; gravel 52.
Con VI " 25	A. Wagstaff	M. N. Faulkner	Oct. 14, 1953	6	1 1/2	18	10	"	D	Black top soil 1; grey clay boulders 12; coarse sand 17; hard blue clay 36.
Con VI " 25	J. Cowling	W. Sanderson	Jun. 20, 1953	6 1/4	10	24	8	"	D	Till 16; gravel 26.
Con VI " 25	S. Young	"	Jul. 7, 1954	6 1/4	30	15	14	"	D	Brown clay stones 20; blue clay 30; dark limestone 34.
Con VI " 27	J. Burns	P. A. McNeely	Oct. 22, 1954	6 1/4	3	32	14	"	D	Dug well 7; blue clay 34; gravel 35.
Con VII " 12	H. Nicholls	W. Sanderson	Aug. 26, 1953	8 1/2	5	40	Flows	"	D	Overburden 6; bedrock 66.
Con VII " 12	A. T. Nicholls	"	Feb. 26, 1953	8 1/2	5	40	Flows	"	D	Top soil 2; blue till 39; gravel 40.
Con VII " 12	M. Hutchinson	"	Aug. 29, 1953	8 1/2	5	40	Flows	"	D	Top soil 2; blue till 52; grey limestone 60.
Con VII " 12	W. Judge	"	Jun. 24, 1954	8 1/2	5	40	Flows	"	D	Dark top soil 2; brown clay stones 15; blue clay 26; gravel.
Con VII " 12	"	"	Aug. 24, 1954	8 1/2	5	40	Flows	"	D	Dug well 4; brown clay stones 20; blue clay stones 50; coarse gravel some clay 63; gravel 64.
Con VII " 12	R. Stanlick	"	Sep. 21, 1954	6 1/4	18	20	1	"	D	Fill 2; brown clay stones 20; blue clay some boulders 68; gravel 69.
Con VII " 12	R. Cowan	W. Sanderson	Dec. 1, 1954	6 1/4	30	15	4	"	D	Top soil 2; brown clay boulders 30; blue clay 51; gravel 52.
Con VII " 26	E. Moore	N. N. Faulkner	Dec. 16, 1954	6 1/4	8	27	10	"	D	Till 40; gravel 42.
Con VII " 26	C. Manning	H. C. Gallagher	Sep. 7, 1953	6 1/4	1 1/2	24	13	"	D	Brown clay 10; shale 14; grey limestone 27.
Con VII " 26	W. Bucknel	"	Oct. 19, 1953	6	1 1/2	29	15	"	D	Brown clay 9; shale 13; grey limestone 32 1/2.
Con VII " 26	R. Quinlan	"	Oct. 24, 1953	6	5	40	20	"	D	Till 45; gravel 47.
Con VII " 27	J. Stacey	P. N. Faulkner	Nov. 8, 1953	6 1/4	3	20	5	"	D	Overburden 6; limestone 50.
Con VII " 13	A. B. Collis	N. N. Faulkner	Aug. 29, 1953	5 1/2	6	37	15	"	D	Top soil 2; clay stones 30; sand gravel 49.
Con VIII " 15	H. Nicholls	Gallagher/Barton	Jul. 28, 1954	6 1/4	1 1/2	37	34	"	D	Dug well 2; grey clay 40.
Con VIII " 24	Peterborough County Home	N. N. Faulkner	Jul. 8, 1953	6 1/4	17	50	30	"	S	Dug well 17; limestone 73.
Con VIII " 24	"	"	Dec. 7, 1953	6 1/4	17	50	20	"	D	Fill 2; limestone 40.
Con VIII " 25	J. R. Hamilton	"	Dec. 14, 1953	6 1/4	17	50	8	"	D	Dug well 20; limestone 90.
Con VIII " 25	"	"	Nov. 10, 1953	6 1/4	17	50	8	"	D	Fill 2; limestone 40.

Smith Twp. cont.

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PRESCOTT COUNTY-cont.										
L'Original	A. De'Haire	C. Lecuyer	Nov. 12, 1953	6	15	30	30	Fresh	D	Dug well 21; hardpan 30; limestone 65.
L'Original	G. Levert	"	Nov. 21, 1953	5		12	12	"	D	Dug well 15; hardpan 20; limestone 38.
L'Original	J. Huneault	"	Nov. 30, 1953	5		31	31	"	D	Clay 82; hardpan 38; gravel 63.
L'Original	A. Hote	"	Dec. 18, 1953	5		35	35	"	D	Clay 82; hardpan 38; quicksand 102; sand gravel 148. Dry hole.
L'Original	Grey Nuns	"	Mar. 25, 1954	5	10	40	45	"	D	Dug well 33; hardpan 48; shale 65.
L'Original	P. Parisien	"	Apr. 22, 1954	5	10	23	17	"	D	Dug well 15; gravel 13; shale 43.
L'Original	F. Dallaire	"	May 21, 1954	5	10	20	15	"	D	Clay 10; hardpan 20; shale 38.
L'Original	H. Brabant	"	May 20, 1954	5	10	20	15	"	D	Hardpan 8; shale 20; limestone 50.
L'Original	C. Bertrand	"	May 20, 1954	5	7	20	15	"	D	Red clay 10; hardpan 30; shale 46.
L'Original	A. Paquette	"	Sep. 12, 1954	5	10	20	15	"	D	Clay 15; hardpan 30; shale 44.
L'Original	Woods & Woods	"	Oct. 2, 1954	5	10	20	15	"	D	Clay 12; blue clay 175. Dry hole.
South Plantagenet Tp.										
Con XIII lot 5	C. Gadwa	A. Bourdon	Dec. 15, 1954	1				Sulphur	D, S	Blue clay 100; hardpan 114; rock 116.
Con XVI	C. Parent	M. Leduc	Aug. 1, 1953	5	30	12	12	"	D	Sand 3; blue clay 41.
Con XVII	F. Rouleau	A. Bourdon	Dec. 9, 1954	1	18	16	16	"	D	Sand 1; blue clay 41.
Con XVII	"	"	Dec. 9, 1954	1	2 1/2	12	12	Fresh	D	Sand 1; blue clay 41.
Con XVII	"	"	Apr. 10, 1954	1	5	14	12	"	D	Grey clay 2; blue clay 92.
Con XVII	L. Bourdon	"	Oct. 12, 1954	1 1/4	4	18	16	"	D	Red and blue clay 150. Dry hole.
Con XVII	L. Parent	"	Jul. 10, 1954	1	3	28	26	"	D, S	Red clay 16; blue clay 54.
Con XVII	H. Denis	"	Dec. 10, 1954	1	5	18	16	"	D	Red clay 12; blue clay 56.
Con XVII	R. Quesnel	"	Jul. 19, 1954	1	5	12	9	"	D	Red clay 21.
Con XVIII	H. Campeau	"	Aug. 4, 1954	1	3	45	25	Fresh	D	Gravel 6; sand 40; hardpan 50; gravel 55.
Con XIX	R. Bourdon	"	Sep. 3, 1954	5	3	15	10	Fresh	D, S	Gravel 7; limestone 119.
Vankleek Hall										
West Hawkesbury Twp.										
Con I lot 7	H/D Cameron	B. Campbell	Jun. 25, 1954	5	6	15	12	Fresh	D, S	Clay 45; hardpan 65; gravel 74; coarse gravel 85.
Con I	J. Maisonneuve	C. Lecuyer	Dec. 3, 1953	5	10	15	12	"	D	Dug well 22; quicksand 28; sand gravel 39; sandstone 53.
Con III	G. Seguin	"	Apr. 30, 1954	5	7	30	30	"	D	
PRINCE EDWARD COUNTY										
Ameliesburgh Twp.										
Con I lot 55	C. Rennion	B. Smiley	May 17, 1954	6				Fresh	D	Till 1; shale 3; limestone 70. Dry hole.
Con I	A. Valleeau	L. McClennon	Mar. 17, 1954	6	40	20	3	Fresh	D	Grey limestone 80. Dry hole.
Con I	B. Gerow	B. Smiley	Jun. 22, 1953	6				"	D	Till 4; limestone 20.
Con I	C. Wawra	"	Jun. 20, 1953	6				"	D	Till 2; limestone 116. Dry hole.
Con I	J. D. Heaven	"	Jun. 24, 1953	6				"	D	Till 2; limestone 35.
Con I	J. B. Madill	"	Jul. 8, 1953	6				"	D	Till 1; limestone 35. Dry hole.
Con I	C. J. Fraser	"	Sep. 12, 1953	6	40	35	9	Fresh	D	Till 2; limestone 100. Dry hole.
Con I	B. Smiley	"	Jul. 3, 1953	6	4	55	10	"	D	Till 2; limestone 35.
Con I	R. Sprackett	L. McClennon	May 25, 1954	6				"	D	Clay gravel 11; limestone 55.
Con I	D. Herrington	B. Smiley	Jun. 18, 1953	6				Slight	D	Till 12; limestone 78.
Con I	D. Knowlton	"	Jul. 1, 1953	6	40	50	24	Sulphur	D	Till 14; limestone 68.
Con I	E. Teney	"	Apr. 5, 1954	6	19	55	6	Fresh	D	Clay 6; grey limestone 55.
Con I	R. Lapham	G. H. Chalk Jr.	Apr. 5, 1954	6	4	35	17	Sulphur	D	Clay 6; grey limestone 35.
Con I	"	"	Sep. 29, 1954	6	1	34	10	"	D	Clay boulders 10; brown clay hardpan 30; gravel 38.
Con I	J. McKenzie	McMillan/Gartley	Sep. 16, 1953	6	12	14	9	"	D	Till 16; grey limestone 40.
Con I	H. Roiston	"	Jul. 21, 1953	6				"	D	Shale limestone 4; limestone 70.
Con I	C. H. Wing	A. Kennedy	Feb. 16, 1953	5	13	100	36	"	S	Clay shale 6; grey limestone 100.
Con II	D. Wallbridge	L. McClennon	Feb. 12, 1954	5	23	23	8	"	S	Clay shale 5; limestone 70. Dry hole.
Con III	J. Stevenson	"	Oct. 28, 1953	6				"	S	Gravel 1; grey limestone 50.
Con III	W. V. Knox	G. H. Chalk Jr.	Oct. 4, 1954	6	3	50	8	"	S	

PRINCE EDWARD COUNTY-cont.

Athol Twp. cont.			H. Rolston		Aug. 5, 1954		6		12		14		8		Fresh		S	
ELNS	lot 11	S. Young	"	"	Jul. 5, 1954	6	6	12	12	40	28	"	"	"	"	"	"	Sand 12½; grey limestone 45.
ELNS	" 12	A. Hann	"	"	Jul. 5, 1954	6	6	12	12	40	35	"	"	"	"	"	"	Sand 8; grey limestone 60.
ELSS	Con I	H. Martin	"	"	Jul. 29, 1954	6	6	12	12	28	21	"	"	"	"	"	"	Sand 5; grey limestone 65.
ELSS	Con I	E. Brummell	"	"	May 29, 1953	6	6	12	12	26	22	"	"	"	"	"	"	Sandy loam 20; clay 24; grey limestone 50.
ELSS	Con I	M. Flake	"	"	Jun. 8, 1953	6	6	12	12	35	9	"	"	"	"	"	"	Sandy loam 30; quicksand 38; grey limestone 50.
ELSS	Con I	W. Steelmack	"	"	Jun. 30, 1954	6	6	12	12	13	7	"	"	"	"	"	"	Limestone gravel 5; grey limestone 40.
ELSS	Con I	L. Fenamore	"	"	Jun. 20, 1953	6	6	12	12	23	19	"	"	"	"	"	"	Limestone gravel 5; grey limestone 35.
ELSS	Con I	N. Monroe	"	"	Jun. 23, 1954	6	6	12	12	35	19	"	"	"	"	"	"	Limestone gravel 7; grey limestone 45.
ELSS	Con I	C. Vader	"	"	Oct. 10, 1953	6	6	12	12	55	29	"	"	"	"	"	"	Sand 7; grey limestone 55.
ELSS	Con I	G. Walmsley	"	"	Oct. 18, 1954	6	6	12	12	35	14	"	"	"	"	"	"	Limestone gravel 4; grey limestone 60.
ELSS	Con I	J. Haggerty	"	"	Jun. 8, 1954	6	6	12	12	50	21	"	"	"	"	"	"	Sand 12; grey limestone 50.
ELSS	Con II	D. Brooks	"	"	Oct. 14, 1953	6	6	12	12	30	24	"	"	"	"	"	"	Clay 5; grey limestone 50.
Bloomfield		W. Prentzen	H. Rolston	"	Jun. 23, 1953	6	6	12	12	20	10	"	"	"	"	"	"	Sandy loam 14; quicksand 20; grey limestone 30.
Bloomfield		J. Jackson	"	"	Nov. 18, 1953	6	6	12	12	25	25	"	"	"	"	"	"	Sand 21; grey limestone 45.
Bloomfield		H. Leavens	"	"	Dec. 15, 1953	6	6	12	12	26	21	"	"	"	"	"	"	Sand 31; grey limestone 50.
Bloomfield		A. Henney	"	"	Aug. 30, 1954	6	6	12	12	31	13	"	"	"	"	"	"	Silt 13; grey limestone 40.
Hallowell Twp.			H. Rolston		Oct. 2, 1954		6		12		18		8		Fresh		P	
Block B		School S. #3	"	"	Dec. 31, 1953	6	6	12	12	40	11	"	"	"	"	"	"	Limestone gravel 8; grey limestone 45.
CPNW	Con II	M.C. Flake	"	"	Oct. 7, 1954	6	6	12	12	40	17	"	"	"	"	"	"	Clay 8; grey limestone 40.
CPSE	Con I	R. Wood	"	"	Oct. 28, 1954	6	6	12	12	65	14	"	"	"	"	"	"	Sand 21; grey limestone 40.
CPSE	Con I	J. Hartwick	"	"	Jul. 6, 1953	6	6	12	12	60	22	"	"	"	"	"	"	Gravel 10; grey limestone 65.
CPSE	Con I	J. Bond	"	"	May 27, 1954	6	6	12	12	60	22	"	"	"	"	"	"	Limestone gravel 10; grey limestone 55. Dry hole.
CPSE	Con I	G. Kearney	"	"	Oct. 16, 1953	6	6	12	12	60	22	"	"	"	"	"	"	Limestone gravel 7; grey limestone 60.
Con II prod.		R. Byrd	L. McClellan	"	Oct. 19, 1953	6	6	12	12	60	22	"	"	"	"	"	"	Limestone 60. Dry hole.
Gore G		L. Pearsall	"	"	Jun. 17, 1954	6	6	12	12	16	13	"	"	"	"	"	"	Clay loam 5; limestone 80. Dry hole.
Gore K		F. Starford	H. Rolston	"	Jun. 12, 1954	6	6	12	12	60	14	"	"	"	"	"	"	Limestone gravel 10; grey limestone 40.
HBE Gore		F. B. Anderson	L. McClellan	"	Sep. 3, 1953	6	6	12	12	56	16	"	"	"	"	"	"	Clay 9; shale 20; limestone 56.
MT Con III	" 8	F. Hennessey	H. Rolston	"	Jul. 13, 1953	6	6	12	12	50	18	"	"	"	"	"	"	Limestone gravel 8; grey limestone 60.
MT Con III	" 9	C. Harrington	"	"	Jul. 20, 1954	6	6	12	12	45	15	"	"	"	"	"	"	Clay 9; shale 20; limestone 56.
MT Con III	" 9	C. Wilson	"	"	Jul. 24, 1954	6	6	12	12	60	27	"	"	"	"	"	"	Sand 15; grey limestone 45.
MT Con III	" 22	L. Vanhecke	L. McClellan	"	Dec. 9, 1953	6	6	12	12	40	30	"	"	"	"	"	"	Sand 9; grey limestone 60.
WL SS	" 9	E. Jackson	"	"	Feb. 5, 1954	6	6	12	12	60	15	"	"	"	"	"	"	Clay 5; quicksand 40; small gravel 49; limestone 50.
Hillier Twp.			L. McClellan		Aug. 20, 1954		6		15		5		3		Fresh		S	
Con I	lot 13	J. McMahon	"	"	Sep. 14, 1953	6	6	15	15	79	18	"	"	"	"	"	"	Clay 12; limestone 17.
Con II	" 21	M. Conley	"	"	Sep. 23, 1953	6	6	15	15	80	45	"	"	"	"	"	"	Clay 4; grey limestone 79.
Con II	" 29	D. Alvey	"	"	Oct. 23, 1953	6	6	15	15	40	30	"	"	"	"	"	"	Gravel; limestone 100. Dry hole.
Con III	" 9	J. Glosson	"	"	Dec. 28, 1953	6	6	3	3	40	30	"	"	"	"	"	"	Clay shale 5; limestone 80. Well delivers 75 gals. in 24 hours.
Con III	" 12	C. Panfing	"	"	Aug. 18, 1954	6	6	3	3	40	30	"	"	"	"	"	"	Shale 10; limestone 48.
Con III	" 15	R. Benway	"	"	Nov. 1, 1953	6	6	3	3	40	30	"	"	"	"	"	"	Clay gravel 8; limestone 100. Dry hole.
Con III	" 21	J. Taylor	"	"	Aug. 21, 1953	7	7	3	3	19	13	"	"	"	"	"	"	Clay 4; shale 15; limestone 100. Dry hole.
Con III	" 21	T. Ould	"	"	Sep. 12, 1954	6	6	13	13	15	8	"	"	"	"	"	"	Clay shale 6; grey limestone 36.
Con V	" 74	School	"	"	Nov. 2, 1953	6	6	5	5	70	40	"	"	"	"	"	"	Clay 5; limestone 51.
Con V	" 98	H. Hicks	"	"	Sep. 7, 1953	6	6	1	1	40	9	"	"	"	"	"	"	Clay shale 14; limestone 70. Well delivers 50 gals. a day.
Con V	" 98	H. McKish	"	"	Aug. 9, 1953	6	6	1	1	40	9	"	"	"	"	"	"	Clay 8; limestone 40.
S.B.	" 1	S. Johnston	"	"	Aug. 14, 1953	6	6	40	40	78	11	"	"	"	"	"	"	Clay gravel 8; limestone 29.
S.B.	" 2	S. Forsythe	"	"	Jul. 28, 1953	6	6	40	40	20	20	"	"	"	"	"	"	Clay loam 4; limestone 90. Dry hole.
S.B.	" 7	A. Swinson	"	"	Jul. 18, 1953	6	6	1	1	20	2	"	"	"	"	"	"	Clay gravel 4; grey limestone 56.
S.B.	" 17	S. Danford	"	"	May 22, 1954	6	6	1	1	16	8	"	"	"	"	"	"	Clay gravel 8; grey limestone 77.
North Marysborough Twp.		R. Nourse	H. Rolston	"	Dec. 17, 1953	6	6	12	12	16	8	"	"	"	"	"	"	Gravel 16; grey limestone 40.
BQS Con I	lot 4	W. Ivey	L. McClellan	"	May 22, 1954	6	6	12	12	16	8	"	"	"	"	"	"	Limestone 30. Dry hole.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
PRINCE EDWARD COUNTY - cont.									
Sophiasburgh Twp.									
B.I. lot 2	E.A. Edward	H. Rolston	Aug. 4, 1953	6	12	40			Silt 12; grey limestone 45.
B.I. lot 4	N. Kerr	"	Aug. 8, 1953	6	12	16	fresh	D	Silt 11; grey limestone 40.
B.I. lot 45	J. Chiles	"	Jul. 30, 1953	6	12	15	"	S	Gravel 15; grey limestone 30.
GP SW Con I	Bethlehem Steel	"	Feb. 20, 1953	6	2	60	"	S	Limestone gravel 9; grey limestone 75. Dry hole.
GPW Con I	E. Purtlelle	G.H. Chalk Jr.	Dec. 10, 1953	6	2	60	"	S	Clay 8; grey limestone 60.
GPW Con I	S. White	"	Nov. 28, 1953	6	22	45	"	S	Clay 4; grey limestone 100. Dry hole.
GPW Con II	R. Richards	"	Dec. 4, 1953	6	22	45	"	S	Clay 2; limestone 30; sand 33; soft limestone 45; grey limestone 60.
GPW Con III	J. Ottenoff	H. Rolston	Jul. 22, 1953	6	22	21	"	D	Limestone gravel 12; grey limestone 35.
South Marysburgh Twp									
BRs Con I lot 19	G. Ackerman	H. Rolston	Oct. 22, 1954	6	12	21	Fresh	S	Limestone gravel 13; grey limestone 35.
BRs Con I lot 23	R. Murphy	"	Nov. 13, 1953	6	12	40	"	S	Clay 4; grey limestone 40. Dry hole.
BRs Con I lot 23	B. Head	"	Sep. 25, 1953	6	12	30	"	S	Silt 8; grey limestone 45.
BRs Con I lot 28	L. Jenkins	"	Oct. 1, 1953	6	12	50	"	S	Limestone gravel 4; grey limestone 50.
BRs Con I lot 30	H. Miller	"	Oct. 7, 1953	6	12	50	"	S	Clay 7; grey limestone 50. Dry hole.
Wellington	M. Robson	L. McClellan	Jul. 13, 1953	6	50	20	Fresh	D	Clay loam 3; grey limestone 65.
Wellington	J. Marserville	"	Jul. 23, 1953	6	12	32	"	D	Clay gravel 3; grey limestone 87. Dry hole.
Wellington	Dart/Goodchild	H. Rolston	Aug. 25, 1954	6	12	32	"	D	Limestone gravel 8; grey limestone 45.
RENFREW COUNTY.									
Admaston Twp.									
B.R. lot 16	R. Carswell	Valley Drilling	Apr. 24, 1953	2	3	30	Fresh	D, S	Old well 22; red granite 273.
Con I lot 10	L. Anderson	"	May 18, 1954	2	5	25	"	D	Black granite 200.
Con III lot 18	E. Gutz	"	May 14, 1953	2	1	20	"	D, S	Brown clay 6; red granite 130; black granite 200.
Con V lot 30	M. Gibbon	"	May 6, 1953	2	1	20	"	C, P	Brown clay 22; red granite 110; black granite 190.
Con V lot 30	M. Dick	J.B. Dufresne	Feb. 17, 1953	3	2	30	"	D, S	Clay 10; gravel 14; red granite 150.
Arnprior	Scheel Bros.	"	Oct. 23, 1953	3	3	15	Fresh	D	Clay 10; limestone 108.
Arnprior	C. Taber	J.B. Dufresne	Dec. 11, 1953	3	15	30	"	D	Blue clay 22; limestone 76.
Arnprior	A. Dunn	W. Nugent	Dec. 17, 1953	6	18	23	"	D	Blue clay 24; limestone 92.
Arnprior	L. McMillan	"	Jan. 24, 1954	6 1/2	30	25	"	D	Clay loam 45; coarse gravel 47.
Arnprior	R. Reid	J.B. Dufresne	Apr. 13, 1954	3	24	24	"	D	Clay 20; grey limestone 68.
Arnprior	E. Holerlin	W. Nugent	Jun. 4, 1954	6 1/2	20	50	"	D	Red sand 7; limestone 107.
Arnprior	F. Leaty	"	Jun. 12, 1954	6 1/2	30	29	"	D	Red sand 10; limestone 94.
Arnprior	A. Brandyore	"	Jun. 17, 1954	6 1/2	30	24	"	D	Fine red sand 20; limestone 50.
Arnprior	A. Vogt	J.B. Dufresne	Jun. 25, 1954	6 1/2	20	35	"	D	Sandy loam 20; limestone 68.
Arnprior	R. Conway	Marquardt & Son	Sep. 10, 1954	5	2	10	"	D	Clay 21; granite 69.
Barry's Bay	W. Hoffman	"	Apr. 23, 1953	5	5	138	Fresh	D	Old well 16; grey granite 149.
Barry's Bay	M. Mintha	"	Apr. 28, 1953	5	5	25	"	In	Fine grey sand silt 61; gravel 63.
Barry's Bay	"	"	May 4, 1953	5	5	32	"	In	Silt 61; gravel 63.
Barry's Bay	"	"	"	5	5	3	"	D	Sand 4; gravel 6; grey granite 30.
Blithfield Twp.									
Con XIII lot 9	G. Stoughton	A. Stanton	Oct. 29, 1953	5	2 1/2	40	Fresh	D	Shale 13; grey limestone 45.
Bromley Twp.									
B.R. lot 41	B. Dick	J.B. Dufresne	Feb. 15, 1953	3	1 1/2	30	Fresh	D, S	Clay 27; red granite 198.
Con IV lot 30	H. Ready	Valley Drilling	Apr. 30, 1954	2	3	15	"	S	Old well 38; limestone 122.
Con VII lot 4	W. Donahow	J.B. Dufresne	Mar. 7, 1953	2	5	42	"	D	Previously drilled 90; grey and red granite 248. Dry hole.
Con VIII lot 4	"	"	Mar. 12, 1954	2	5	42	"	D	Clay 40; granite 60.
Con VIII lot 10	F. Cull	C. Dufresne	Oct. 6, 1954	2	5	42	"	D	Sand gravel 19; limestone 110.

RENFREW COUNTY-cont.

Brudenell Twp. Con XI	lot 3	School S. #1	V. Marquardt	Mar. 11, 1954	5	5	60	40	Fresh	P	Sand 80; gravel 81. Brown soil 7; quicksand 29; coarse gravel 31. Boulders sand 21; limestone 75.
				Jun. 30, 1954	5	7	5	4	"	P	
ORS RB	" "	School S. #3	Valley Drilling	Jun. 6, 1953	5	12	12	9	"	P	
				Oct. 13, 1953	2	1 1/2	18	15	Fresh	D	Granite 123.
Cobden	" "	F. Turcotte	J. B. Dufresne	Feb. 12, 1953	5	4	60	40	Fresh	D	Clay 7; white limestone 177.
				Mar. 14, 1953	5	5	30	17	"	D	Grey limestone 47.
Eganville	" "	Church	V. Marquardt	Mar. 17, 1953	5	5	50	30	"	P	Sand gravel boulders 90; blue limestone 137.
				Mar. 20, 1953	5	2	69	3	"	D	Clay 3; blue limestone 69.
Eganville	" "	Reinke & Sons	Valley Drilling	Mar. 23, 1953	5	4 1/2	25	12	"	D	Clay boulders 6; grey-blue limestone 85.
				Mar. 31, 1953	6	2 1/2	74	18	"	D	Sandy loam boulders 29; very hard blue limestone 74.
Eganville	" "	O. Reinke	" "	Sep. 29, 1953	6	3	28	21	"	D	Till 4; red granite 80.
				May 27, 1954	4	5	85	20	Fresh	D	Brown soil 9 1/2; limestone 116 1/2.
Grattan Twp.	lot 20	C. Bishav	V. Marquardt	Jan. 30, 1954	5	2 1/2	70	12	"	P	Loam stone 20; coarse gravel 77.
				Feb. 20, 1954	4	5	50	14	Fresh	D	Old well 15; dark heavy granite 61.
Hagarty Twp.	lot 7	Con VI	V. Marquardt	Jun. 4, 1954	4	5	50	9	Fresh	P	Sand hardpan 28; hard red granite 335.
				Jun. 15, 1954	5	7 1/2	120	40	"	D	Clay 170; fine sand 215; coarse gravel 224.
Horton Twp.	lot 1	Con I	Valley Drilling	Apr. 21, 1953	5	8	21	10	"	D	Sandstone 7; grey limestone 49; white limestone 53; grey and white limestone 73.
				Feb. 17, 1954	5	8	20	14 1/2	"	D	Blue clay 21; white limestone 113 1/2.
Con VII	" "	" "	J. B. Dufresne	Sep. 29, 1953	4	3	75	68	"	D	Clay 250; grey limestone 320; granite.
				Oct. 15, 1953	3	2	65	18	"	D	Clay 18; red granite 224.
Con VIII	" "	" "	A. Stanton	Aug. 24, 1953	5	5	26	24	"	D	Shale 15; soft grey limestone 97; white limestone 114.
				Feb. 10, 1954	4	5	10	5	Fresh	D	Hardpan 17; grey granite 35.
Killaloe Station	" "	Village Theater	V. Marquardt	May 9, 1954	4	6	70	5	"	D	Brown soil 2 1/2; blue granite 85.
				Jun. 3, 1953	5	5	10	10	Fresh	P	Brown soil 5; dark-grey rock 21.
Lyndoch Twp.	lot 31	Con II	E. Kellen	Jul. 15, 1953	5	5	20	15	"	P	Hardpan boulders 22; grey granite 28; very dark soft rock 29; blue granite 35.
				Jun. 14, 1953	5	5	12	12	"	D	Hardpan boulders 13 1/2; dark-grey rock 36 1/2.
Con XIII	" "	Con XIII	" "	Jan. 10, 1953	5	5	12	8	Fresh	P	Loam stone 6; hard grey limestone 40; soft grey limestone 105.
				Mar. 4, 1954	5	25	3	3	"	C	Clay 30; white limestone 129.
Con XIV	" "	" "	A. Stanton	May 12, 1953	6	12	23	23	"	D	Sand 17; limestone 40.
				Jul. 23, 1953	5	5	20	12	"	D	Shale rock 9; light-grey limestone 40; dark-grey limestone 54.
McNab Twp.	lot 4	Con A	W. Nugent	Apr. 10, 1954	3	7	15	4	"	D	Clay 30; grey limestone 78.
				Jul. 2, 1954	3	1 1/2	60	18	"	D	Hard grey limestone 90.
Con B	" "	" "	A. Stanton	May 16, 1953	5	1 1/2	44	14	"	P	Blue clay 8; limestone 44.
				Jul. 30, 1953	6	3	30	15	"	D	Loam stones 25; redish-grey limestone 61.
Con C	" "	" "	Church Manse	Feb. 26, 1954	3	7	20	14	"	D	Sand 18; blue limestone 64.
				Apr. 29, 1954	6	20	35	25	"	D	Soft limestone shale 20; hard white limestone 50.
Con D	" "	" "	W. Nugent	Apr. 23, 1954	6 1/2	30	17	12	"	D	Clay loam 33; coarse gravel 36.
				Oct. 6, 1953	5	4 1/2	65	45	"	D	Clay 30; granite 155.
Con E	" "	" "	J. B. Dufresne	Apr. 19, 1954	2	5	24	15	"	D	Gravel boulders 8; white limestone 80.

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APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
REDFEEN COUNTY-cont.										
McNab Twp. cont.										
Con XI lot 19	School	J.B.Dufresne	Sep.10,1953	4	7	10	6	Sulphur	P	Previously drilled 160;limestone 173.
Con XII " 8	C.Weiman	Valley Drilling	Jun.24,1953	2	6	15	6	Fresh	D	Blue clay 6;limestone 90.
North Algona Twp.										
Con I lot 3	W.Kirby	V.Marquardt	Dec.31,1953	4	5	16	14½	Fresh	D	Old well 12½;grey rock 22½;red country rock 32½;grey country rock 40½.
Con I " 3	E.Burton	"	Apr.29,1954	4	4	36	36	"	D	Sand hardpan 31;blue granite 41.
Pembroke Twp.										
Con II lot 18	H.Plummer	J.B.Dufresne	Nov.23,1953	3	3	57	37	Fresh	D	Clay 80;boulder gravel 150.
Petawawa Twp.										
Con 8 lot 19	B.Jackson	V.Marquardt	Oct.28,1953	4	4	60	46	Fresh	D	Sand 15;grey granite 134;red granite 136.
Con 8 " 19	C.Kolosinski	"	Nov.19,1953	4	5	8	5	"	D	Old well 13;grey country rock 53.
Con V " 13	A.Blenke	"	Dec.23,1953	4	5	75	14	"	D	Old well 14;grey granite 84.
Con VII " 20	E.Brumm	C.Dufresne	Aug.18,1954	2	6	15	12	"	D	Sand 20;grey clay 35;shale 80.
Raglan Twp.										
Con III lot 30	E.Benzie	Marquardt & Son	Jun.24,1953	5	5	30	15	Fresh	D	Sand 8;hard limestone 42½.
Con IV " 26	W.Wiechuethal	"	Jun.13,1953	4	5	30	15	"	D	Brown soil 5;hardpan 40.
Con IV " 29	E.Newman	"	Jun. 9,1953	5	5	15	15	"	D	Brown soil 11;light grey rock 45.
Renfrew Twp.										
Con I lot 20	T.Houwen	A.Stanton	Sep.24,1953	5	2½	100	60	Fresh	D	Sand 17;hard black granite 100;hard red granite 111.
Con I " 20	R.Wilson	Valley Drilling	Jun.15,1954	4	5	60	35	"	In	Sand and clay mixed 57;limestone 350.
Richards Twp.										
Con VII lot 24	Can.Dept.of Transport	Valley Drilling	Sep.11,1953	5						Fine running sand 144. Dry hole.
Rolph Twp.										
Con A lot 5	L.W.Ware	C.Dufresne	Aug.25,1954	2	10	11	Flows	Fresh	D	Sand 3;red and grey granite 40.
Con A " 19	J.McGuire	"	Aug.24,1954	2	12	70	45	"	D	Fine sand 96;granite 115.
Con A " 48	S.Vickel	"	Sep. 3,1954	2	2	80	20	"	D	Sand 20;red granite 150.
Ross Twp.										
Con I lot 3	D.McLeod	Valley Drilling	Apr.27,1954	2	6	19	9	Fresh	D,S	Loam 6;grey granite 70;limestone 175;broken red granite 192.
Con II " 3	K.Holland	"	Apr.14,1954	3	2	40	13	"	D	Clay 9;sand 19;red and grey granite mixed 400.
Con II " 22	F.Poss	"	May 21,1953	2	5	45	25	"	D,S	Loam gravel 19;granite 42;white limestone 230. Dry hole.
ND Con I " 1	I.Kohlsmith	J.B.Dufresne	Oct.16,1953	2	5	45	25	"	D,S	Red granite 273.
Sherwood Twp.										
Con IV lot 1	D.Yantha	V.Marquardt	Apr.15,1954	4	5	66	23	Fresh	D	Hardpan 63;grey country rock 86½.
CON RB " 175	A.Herron	"	Apr. 1,1953	4	5	50	20	"	D,C	Old well 14;dark-grey granite 35;red granite 40;grey granite 73.
Stafford Twp.										
Con I lot 21	C.Dament	C.Dufresne	Sep.13,1954	2	4	42	32	Fresh	D	Sand 85;red and grey granite 232.
Westmeath Twp.										
ME Con B lot 27	A.McKinum	J.B.Dufresne	Sep. 3,1953	2	7	15	12	Fresh	C	Granite 139.
Wilberforce Twp.										
Con VIII lot 14	R.Stuart	C.Dufresne	Oct. 8,1954	2	1½	60	32	Fresh	S	Gravel 15;red granite 200.
Con IX " 18	J.S.Moore	Valley Drilling	Feb.15,1953	6	11	30	30	"	D,S	Old well 38;red granite 80½.
Con XXII " 1	A.Leach	"	Aug. 7,1953	2	Flows	Flows	Flows	"	D,S	Old well 26;hardpan 38;granite 77.
Con XXIII " 1	I.Leach	"	Aug. 3,1953	4	5	15	10	"	S	Clay hardpan 27;granite 105.
Con XXIV " 1	A.Waito	"	Aug.17,1953	4	5	Flows	Flows	"	D,S	Old well 40;hardpan 50;granite 240.

RUSSEL COUNTY.
Cambridge Twp.

Con V	lot 20	School S. #20	J.B.Dufresne	Aug. 7, 1954	3	2½	90	30	Salt	P	Clay 90; limestone 169.
Con V	" 20	S. Villeneuve	"	Aug. 9, 1954	3	10	45	30	"	D	Clay 90; limestone 100.
Con VII	" 9	H. Aubry	M.Leduc	Oct. 1, 1953	4	5	27	8	Sulphur	D	Hardpan 42; limestone 44.
Con IX	" 10	G.Benoit	"	Sept. 10, 1953	4	14	10	18	Fresh	D,S	Hardpan 8; limestone 60.
Con IX	" 11	"	A.Cayer	Nov. 19, 1953	4½	14	31	19	Sulphur	D,S	Stones 5; soft and shaly black rock 35.
Con X	" 11	R. Vinette	"	Nov. 26, 1953	4	8	15	13	Fresh	D	Clay stones boulders 20; grey and black rock 100; dry hole.
Con X	" 18	V. Desrochers	"	Jul. 21, 1954	4	4	20	Flows	"	D	Blue clay 5; blue clay 40; clay stones 60; black gravel 68.
Con X	" 19	P. Tremblay	"	Mar. 15, 1954	4	4	15	10	"	D	Blue clay 25; hardpan boulders 50; gravel 53.
Con X	" 20	Y. Richer	"	Aug. 25, 1954	4	4	15	10	"	D,S	Clay 40; hardpan 52; gravel 58.
Casselman	"	E.Q. Paucher	"	Jul. 18, 1953	4	5	30	30	Sulphur	D	Hardpan 45; gravel 47.
Casselman	"	F. Duriege	"	Jul. 22, 1953	4	5	30	30	"	D	Hardpan 42; gravel 44.
Casselman	"	L. Denayer	"	Sept. 17, 1953	4	13	28	12	Fresh	D	Clay 30; grey clay hardpan boulders 42; gravel 50; limestone 58.
Casselman	"	V. Pilon	"	Sept. 17, 1953	4	12	20	16	"	D	Blue clay 22; grey clay stones hardpan 29½; gravel 30; grey limestone 32.
Casselman	"	A. Bray	M.Leduc	Oct. 2, 1953	4	3	25	25	Sulphur	D	limestone 48.
Casselman	"	A. Brunet	"	Oct. 8, 1953	4	5	19	19	Fresh	D	Blue clay 20; hardpan grey clay 25; grey quicksand 42; coarse gravel 44.
Casselman	"	A. Leroux	"	Nov. 3, 1953	4	8	39	12	"	D	Clay 15; hardpan 40; gravel 47; rock 49.
Casselman	"	L. Richer	A.Cayer	Nov. 20, 1953	4	4	40	12	"	P	Sandy soil 5; blue clay 40; gravel 46.
Casselman	"	P. Pargot	"	Dec. 17, 1953	5	4	101	40	"	P	Sandy soil 10; blue clay 40; hardpan 47; grey rock 101.
Casselman	"	R. Marchand	"	Dec. 24, 1953	4	2½	16	7	"	D	Yellow sand 5; clay 30; hardpan 38; gravel 40.
Casselman	"	R. Francoeur	"	Mar. 10, 1954	4	5	20	7	"	D	Hardpan 12; hardpan blue clay 30; gravel 47.
Casselman	"	L. Vallee	"	Aug. 5, 1954	4	4	25	15	"	D	Yellow earth 5; blue clay 35; hardpan 41; gravel 46.
Casselman	"	J. Mallette	"	Aug. 15, 1954	4	8	35	10	"	D	Sandy soil 6; blue clay 35; hardpan 40; shale rock 42.
Casselman	"	P. Brosseau	M.Leduc	Nov. 6, 1954	4	7	25	12	"	D	Blue clay 25; hardpan 35; gravel 40.
Casselman	"	Casselman Arena	"	Nov. 12, 1954	4	10	36	36	"	D	Blue clay 20; hardpan 44; limestone 48.
Casselman	"	L. Boisson	"	Nov. 23, 1954	4	5	33	15	"	D	Red clay 10; blue clay 25; sand 34; gravel 39.
Clarence Twp.	lot 2	L. Lavolette	B. Campbell	Jul. 17, 1954	5	2½	184	164	Slight	D	Clay 70; heavy grey sand streaks of gravel 224.
Con I	" 19	W. Tucker	"	Aug. 3, 1954	5	7	10	10	Salt	D	Gravel 4; hard limestone 48.
Con V	" 18	A. Rejocke	"	Jul. 24, 1954	5	13	11	11	Fresh	D	Clay gravel 55; limestone 101.
Con VI	" 1	L. Fortin	"	Aug. 19, 1954	5	5	Flows	Flows	"	In	Gravel 28; soft limestone 72.
Con VII	" 17	A. Lavolette	"	Aug. 31, 1954	5	5	119	99	"	S	Sand 30; clay 100; gravel 139.
Con VII	" 14	School S. #15	A. Gauthier	Feb. 10, 1953	5	8	15	10	"	P	Clay 30; hardpan 35; sand 40; rock 48.
Con IX	" 14	A. Lavigne	"	Mar. 12, 1953	5	8	25	15	"	S	Blue clay 100; grey quicksand 175; gravel 177.
Con IX	" 21	M. Lavigne	"	Apr. 25, 1954	4	7	25	16	Salt	S	Clay 100; sand 116; black gravel 117.
Cumberland Twp.	lot 16	G. Laplante	W.C. Christy	Mar. 30, 1953	5	4	22	12	Fresh	D,S	White clay 60; coarse gravel 62.
Con II	" 18	B. Diatte	"	Apr. 15, 1953	5	4	50	10	"	D,S	White clay 74; coarse gravel 102.
Con III	" 12	E. LaBreche	"	Nov. 16, 1953	1½	7	10	10	"	S	Blue clay 100; gravel 102.
Con IV	" 10	P. Regimbal	E. Phillips	Apr. 3, 1954	5	8	15	12	"	D	Top soil 2; soft grey limestone 90.
Con IV	" 10	O. Lavine	T. Lacroix	May 5, 1954	1	5	11	9	"	D	Solid clay 50; gravel 54.
Con IV	" 13	P. Butenschon	"	Nov. 15, 1953	1	5	18	18	"	D	Red clay 10; blue clay 30; gravel 35.
Con IV	" 14	P. Balboeuf	E. LaBreche	Nov. 18, 1953	1	5	18	18	"	D	Blue clay 18; running grey sand 27. Abandoned.
Con IV	" 14	"	"	Nov. 18, 1953	1	5	18	18	"	D	Blue clay 18; running grey sand 29. Abandoned.
Con IV	" 14	"	"	Nov. 18, 1953	1	5	18	18	"	D	Blue clay 18; running grey sand 29. Abandoned.
Con IV	" 14	"	"	Nov. 18, 1953	1	5	18	18	"	D	Blue clay 18; running grey sand 34; gravel 36.
Con V	" 13	"	"	Oct. 15, 1953	1	5	15	15	Fresh	D,S	Red clay 9; rock 94.
Con V	" 3	E. Villeuve	T. Lacroix	Oct. 15, 1953	1	5	15	15	"	D,S	Red clay 5; soft blue clay 22; rock. Dry hole.
Con V	" 3	"	"	Oct. 15, 1953	1	5	15	15	"	D,S	Blue clay 1; rock. Dry hole.
Con V	" 3	"	"	Oct. 15, 1953	1	5	15	15	"	D,S	Blue clay 1; boulders. Dry hole.
Con V	" 3	"	"	Oct. 15, 1953	1	5	15	15	"	D,S	Blue clay 1; rock. Dry hole.
Con V	" 3	"	"	Oct. 15, 1953	1	5	15	15	"	D,S	Red clay 1; rock. Dry hole.
Con V	" 14	H. Pope	"	May 10, 1953	1	0	0	0	Fresh	"	Red clay 1; limestone 0; soft blue clay 20; grey quicksand 40; black slate 4; abandoned because of quicksand.

1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
RUSSELL COUNTY-cont.										
Gumbarland Twp.cont.										
Con VII lot 10	S.Rivington	W.C.Christy	Dec.12,1953	4	2 1/2	32	16	Fresh	D	Black loam 52;black shale 134.
Con VII " 23	C.Rathwell	T.H.Adams	Feb.11,1954	4	7	60	15	Mineral	D,S	Gravel clay 8;black shale rock 20;blue limestone 109.
Con VII " 11	T.McCormick	B.Phillips	Jun.21,1954	5	1 1/2	150	20	Fresh	D	Clay 8;limestone 153.
Con VII " 25	T.Fitzsimons	W.C.Christy	Aug.4,1953	3	2 1/2	18	21	"	P	Clay loam 28;black shale 62.
Con VIII " "	Community Centre	J.B.Dufresne	Jun.10,1954	3	4	25		"		Clay 44;shale rock 94.
Con VIII " 22	S.Low	W.C.Christy	Jul.20,1954	4	2 1/2	18	9	"	S	Blue clay 30;shale rock 68.
Con IX " C	C.Wright	"	Oct.8,1954	4	2 1/2	42	23	"	D,S	Blue clay 159.
Con XI " 5	U.Dutresac	J.B.Dufresne	Jan.16,1954	3	8	15	0	"	D	Clay 130;sand gravel 206.
Con XI " 37	A.Gour	T.H.Adams	Sep.3,1954	4	7	25	15	"	D	Blue clay 20;limestone 65.
Con XV " 3	A.Lavarche	W.C.Christy	Sep.29,1954	4	5		32	"	D	White clay 44;grey limestone 91.
O.F. " 9	P.Morin	T.Lacroix	Sep.20,1953	1 1/2				"	D	Soft blue clay 115. Dry hole.
O.F. " 15	C.Lough	J.R.Kettles	May 7,1954	4	2	17	17	"	D	Red clay sand 54;grey limestone 86.
O.F. " 15	Ont.Dept.of Highways	T.H.Adams	Dec.1,1954	4	7	47	47	"	P	Blue clay 91;hard limestone 100;quicksand gravel 105;hard limestone 126.
O.F. " 18	L.McNarry	"	Sep.21,1954	4	7	Flows	Flows	"	D	Blue clay 40;limestone 43.
O.F. " 18	R.S.Richards	"	Oct.2,1954	4	3			"	D	Blue clay 3;limestone 51 1/2.
O.F. " 18	R.Peters	"	Oct.17,1954	4	7	"	"	"	D	Blue clay 30;limestone 54.
O.F. " 18	J.M.Kiel	"	Oct.27,1954	4	7	4	4	"	D	Blue clay 60;limestone 67.
O.F. " 20	L.Fitzpatrick	B.Phillips	Apr.26,1954	4	6	45	35	"	D	Clay 120;limestone 123.
O.F. " 24	R.Edwards	W.Christy	Jul.2,1953	5	4	42	11	"	D	Blue clay 5;grey limestone 90.
O.F. " 28	E.Mockett	Kettles	Nov.13,1953	4	6	28	28	Mineral	D	Blue and red clay mixed 47;grey limestone 83.
O.F. " 29	B.Stafford	T.H.Adams	Jul.31,1954	4	7	20	20	Fresh	S	Sandy loam 5;blue clay 40;gravelly quicksand 80;coarse gravel 83.
O.F. " 31	H.E.Witten	I.B.Dufresne	Sep.25,1953	2	2	40	20	"	D	Broken rock 20;blue and grey limestone 118.
O.F. " 37	E.Roberts	T.H.Adams	May 3,1954	4	7	60	27	"	S	Sand 5;blue clay pebbles 109;fine black gravel 110.
O.F. " 37	"	"	May 22,1954	4	7	18	18	"	S	Sandy clay 10;blue clay gravel 85.
Russell Twp.										
Con I lot 20	E.Stanley	W.C.Christy	May 14,1953	5	4	21	12	Fresh	D,S	Blue clay hardpan 60;black shale 80.
Con I " 20	D.Hass	"	Jul.29,1953	5	5	18	18	"	D,S	Blue clay 80.
Con II " 11	A.Cousineau	"	Nov.6,1953	5	2 1/2	19	8	"	C	Black loam 16;shale rock 52.
Con III " 11	J.McArthur	"	Jun.25,1953	5	4	15	9	"	C	Loam 18;hardpan gravel 100.
Motor School										
Con III " 11	D.Campbell	"	Nov.21,1953	4	2 1/2	11	11	"	D	Blue clay 32;limestone 60.
Con III " 11	A.Rowan	"	Nov.28,1953	4	2 1/2	19	10	"	D	Clay 30;shale 44.
Con III " 11	E.Martel	"	Jul.19,1954	4	4	18	9	"	D	Loam 10;shale 48.
Con V " 18	A.Brisson	M.Ieduc	Aug.21,1954	4	4	18	9	"	D,S	Gravel 10;hardpan 30;blue clay 60;red clay 65.
Con VII " 10	School S.#13	W.C.Christy	Apr.6,1954	4	7	20	11	"	P	Blue clay 37;black shale 155.
Con VII " 7	M.Brisson	M.Ieduc	Sep.9,1954	4	4	22	11	"	P	Hardpan 15;limestone 47.
Con IX " 4	A.Blanchard	"	May 7,1954	4	3	18	5	"	D,S	Hardpan 11;rock 20.
Con X " 4	G.Blanchard	A.Gauthier	Aug.25,1954	4	7	13	12	Sulphur	D,S	Old well 30;hardpan 40;gravel 41.
Con X " 4	C.Lafance	M.Ieduc	Apr.13,1953	4	5	8	8	Fresh	D,S	Grey soil 4;blue clay 29;hardpan 44;gravel 48.
SIMCOE COUNTY.										
Adjala Twp.										
Con II lot 8	R.Cunningham	C.Smith	Dec.20,1954	4	15	65	55	Fresh	D	Gravel 30;sandy clay stones 80;silt 100;red clay gravel 110; gravel 112.
Con VII " 5	School S.#10	C.E.Snider	Feb.8,1954	4	3 1/2	61	56	"	P	Top soil 2;yellow clay sand 45;reddish sand 79;reddish coarse sand 84;coarse sand gravel 90.
Barrie	Barrie Arena	E.Hirons	Nov.21,1953	5	80	19	3	"	P	Sand 140;sand gravel 150;gravel 170.
Barrie	G.Kearns	M.Coupland	May 27,1954	2	5	35	28	"	D	Clay and loam streaks 6;boulders 16;coarse gravel 20;very fine sand clay 58;medium sand 65.
Bradford	S.Duga	Reliance Well Drilling	Apr.7,1953	2	10		Flows	"	D	Top soil 8;quicksand 134;soft clay 172;hard clay sand 196; coarse sand 200.

SIMCOE COUNTY--cont.
Bradford

J. Kutira/Sosak Can. Dept. National Health & Welfare	Reliance Well Drilling L.J. Howell	May 3, 1953	2	7	20	16	Fresh	P	
Christian Island Indian Reserve		May 11, 1953	4						Top soil 10; soft clay 4½; quicksand soft clay 140; fine sand 155; hardpan sand 164; stone or rock. Dry hole. Black sand 64; clean coarse sand 69½.
Collingwood	F. Wright & Son	May 17, 1954	4	3	6	4	Fresh	D	Stones sand 6; rock 22.
Collingwood	R. Mammo	Jul. 12, 1954	4	2	25	11	"	D	Brown clay 7; limestone 25.
Collingwood	C. Bartley	Jul. 22, 1954	4	17	12	12	"	D	Sand 4; grey rock 10; hard blue rock 35.
Collingwood	W. H. Rogers	Aug. 13, 1954	4	4	45	8	"	P	Limestone 45.
Collingwood	C. Bartley	Oct. 7, 1954	4	3	11	4	"	D	Fine sand 6; grey limestone 18.
Collingwood	R. L. Piewes	Oct. 27, 1954	4	4	18	2	"	D	Top soil 2; grey clay stones 20; sand fine gravel 25; limestone 37.
Essa Twp. Con I	P. L. Davidson	Jun. 1, 1953	4						Yellow clay 100. Dry Hole.
Con IV	E. Hiron	Jan. 30, 1953	6	5	40	40	Fresh	D, S	Clay 5; sand 15; clay 165; gravel 170.
Con VIII	M. Coupland	Feb. 18, 1954	2	3	25			D	Dug well 20; clay and sand veins 160; fine sand medium sand 173.
Con XI	F. Wright & Son	May 29, 1953	4	3	36	32	"	D	Top soil 1; sand 48.
Flos Twp. Con I	F. Wright & Son	May 23, 1953	4	5	55	50	Fresh	D, S	Top soil 2; sand 8; clay sand boulders 36; gravel 7½; sand large stones 107; gravel 117.
PEW Con I	R. Martin	Jul. 24, 1953	4	5	130	125	"	D, S	Top soil 2; clay gravel 34; sand stones 137; hard clay 139; sand streaks of hardpan stones 246; gravel 256.
Innisfil Twp. Con I	C. H. Rutledge	May 10, 1954	4	1½		Flows	Fresh	C	Top soil 4; muddy quicksand 150; hardpan streaks of clay 215; gravel clay hardpan streaks of hard clay 297; limestone little hard shale 340.
Con I	M. Coupland	Aug. 15, 1954	2	½	25	Flows	"	D	Gravel sand 40; large solid boulders 54; shale rock clay streaks 142.
Con IV	F. Wright & Son	Nov. 13, 1954	4	3	63	59	"	D	Top soil 2; clay stones 21; sand 62; sand clay boulders 69; clay stones 90; clay muck 100; sand 105.
Con IV	H. Whan	Jul. 10, 1954	2			Flows	"	D	Red sand 3; soft grey clay sand 30; coarse sand 50; grey clay 140; gravel 140½.
Con V	H. King	Jul. 18, 1953	2	½		"	"	D	Black muck 3; light sand 18; coarse sand 25.
Con V	J. Carvill	Aug. 12, 1953	2	1		"	"	D	Gravel 1; muck 4; light sand 10; coarse sand 15.
Con IX	F. Wright & Son	Jul. 10, 1953	4	5	74	68	"	S	Sandy top soil 1; sand with clay 23; gravel stones 74; sand 120.
Con X	G. McCarriston	Jul. 11, 1954	4						Top soil 2; clay 38; clay sand stones 74; sand 108; clay sand stones 140. Abandoned.
Con X	J. D. Barnie	Nov. 20, 1954	4	5	19	14	Fresh	S	Top soil 2; hardpan boulders 22; sand clay stones 45.
Con XII	G. Fleming	May 25, 1953	2			10	"		Grey clay 6; grey quicksand 89; grey clay 90; grey clay sand 140; sand 141; grey clay sand 165. Not used.
Con XIII	F. Wright & Son	Jul. 27, 1954	4						Top soil 1; clay sand 23; sand clay 84. Dry hole.
Con XIII	Keswick Well	Oct. 5, 1954	5½	5	20	0	Fresh	D	Sand 2; gravel 25; blue clay 26; gravel 45; sand clay 52; soft brown sand 70; blue clay 72; yellow sand 75; small stones 76; yellow sand 80; hard grey sand 92; blue clay 140; fine dark-grey sand 133; coarse grey sand 153.
Con XIII	R. Halford	Jul. 20, 1953	5	1½	49	29	"	D	Top soil 3; quicksand 49.
Con XIII	R. Kerwin	Dec. 26, 1953	2	1½		33	"	D	Sand 30.
Con XIV	I. Mason	Dec. 9, 1953	2	4	30	24	"	D	Dug well 28; clay sand 72; fine sand 78; medium coarse sand 82.
Con XIV	J. Hadden	Jun. 26, 1954	2	5	48	41	"	D	Dug well 35; story hardpan 50; fine sand 60; clay fine sand 67 gravel 75.
Con XIV	W. Minnikin	Sep. 29, 1953	4	5	34	28	"	D	Top soil 2; sand 5; clay boulders 48; sandy clay 60; clay sand stones 94; sand 114.
Con XIV	M. Coupland	Oct. 30, 1953	2	5		Flows	"	D	Clay 4; cedar brush 15; coarse beach sand 40; stones boulders 48; fine sand cedar brush 88; veins of clay and sand and rotten wood 95; veins of sand and limestone 118.
Con XIV	P. Wright & Son	Jul. 29, 1953	4	4	42	40	"	D	Top soil 2; clay boulders 17; sand stones 54; medium sand 67.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SIMCOE COUNTY- Medonville Twp. Lot 68	W. Lord	P. Wright & Son	Aug. 27, 1954	4	4	106	102	Fresh	D	Top soil 2;hard clay 63;sand 94;clay sand 103;sand with streaks of clay 119;medium sand 131.
Con III	M. MacDonald	"	Jun. 23, 1953	4	4	69	67	"	D	Top soil 2;sand gravel stones 62;sand clay 92;sand 102.
Con IV	A. Boyd	"	Nov. 23, 1953	4	4	48	48	"	D	Top soil 2;clay sand 24;sand 89;fine sand 96.
Not a message Twp.	L. Kerluke	"	May 22, 1954	2	2	12	3	"	D, S	Sand 21;blue clay 63;medium sand 70.
Con I	W. Washbrook	R. Nimmo	Jun. 26, 1953	2	1	10	Flows	"	D	Sand 30;clay 75;52;sand gravel 60.
Con I	M. Cooper	"	Aug. 20, 1953	2	1	3	0	"	D	Sand 20;clay 52;sand gravel 60.
Con I	E. Hartnell	"	Jun. 28, 1954	2	3	3	0	"	D	Fine sand 35;yellow clay 92;sand 100.
Con I	R. W. Hughes	"	Jul. 17, 1953	2	3	10	12	"	D	Sand 25;sand clay 63;sand 71.
Con II	J. Hewitt	"	Jul. 16, 1953	4	10	14	14	"	D	Clay 60.
Con II	K. Matthews	F. Wright & Son	Jun. 28, 1954	4	2	18	14	"	D	Top soil 2;hard clay 23;stones sand clay 54;clay stones 60;sand 65.
Con II	J. Wilson	"	Sep. 14, 1954	4	3	12	8	"	D	Sand 35;clay sand stones 28;clay sand 39;quicksand 55;sand 60.
Con II	S. Flynn	R. Nimmo	May 22, 1953	2	6	3	Flows	"	D	Sand 45;clay sand 49;gravel 51.
Con II	M. Carscadden	"	Jul. 13, 1953	2	10	2	0	"	D	Sand 45;clay 56.
Con II	M. Sweet	"	Jul. 15, 1953	2	4	4	0	"	D	Sand 20;clay stones 37;gravel 37 1/2.
Con III	C. Stewart	F. Wright & Son	Sep. 15, 1954	4	3	23	12	"	D	Top soil 1;clay sand 14;fine sand 43.
Con III	"	"	Oct. 21, 1954	4	4	21 1/2	16	"	D	Sand 5;quicksand 46;fine sand 52.
Con III	J. Henderson	R. Nimmo	Oct. 21, 1954	4	5	12	8	"	D	Hard clay stones 87;lime stone 91.
Con III	C. Stewart	P. Wright & Son	Jul. 28, 1954	4	4	15	13	"	D	Top soil 2;quicksand 67.
Con IV	W. Green	"	Nov. 3, 1954	4	4	42	8	"	D	Top soil 1;clay stones 38;rock 42.
Con IV	J. Conklin	"	Jun. 2, 1954	4	3	29	8	"	D	Top soil 1;clay boulders 45; lime stone 65.
Con IV	E. Shary	"	Sep. 22, 1954	4	4	18	8	"	D	Clay 4;rock 24.
Con IV	E. H. Baker	R. Nimmo	Jun. 23, 1953	4	3	6	4	"	D	Top soil 1;clay sand stones 29.
Con IV	W. A. Ling	F. Wright & Son	Aug. 30, 1954	4	3	6	4	"	D	Top soil 1;clay sand stones 29;gravel.
Con V	I. Beattie	"	Apr. 18, 1953	4	10	30	28	"	D, S	Clay 10;clay sand 123;hardpan 133;gravel 140.
Con V	Mrs. Wedgewood	P. Wright & Son	Apr. 14, 1954	4	3	18	14	"	D	Top soil 2;clay 23;sandy clay stones 41;clay sand 73;white limestone 94.
Con V	J. Thom	R. Nimmo	Aug. 13, 1953	4	4	11	6	"	D	Clay 6;lime stone 22.
Con V	W. Turner	P. Wright & Son	Sep. 23, 1953	4	5	6	3	"	D	Limestone 24.
Con V	E. Beazley	"	May 22, 1954	4	2	12	4	"	P	Sand gravel 2;lime stone 16.
Con V	V. Kalaina	F. Wright & Son	Jun. 16, 1954	4	4	8	4	"	D	Stones 6;clay stones 14;rock 24.
Con V	G. Chapman	"	Jun. 23, 1954	4	3	10	6	"	D	Stones 1;sand stones 6;brown limestone 32.
Con V	J. Yates	R. Nimmo	Jul. 4, 1954	4	3	10	10	"	D	Top clay 4;lime stone 25.
Con VI	H. E. Iest	"	Jun. 30, 1953	4	10	17	15	"	D	Clay 4;rock 24.
Con VI	F. Swift	F. Wright & Son	Sep. 21, 1953	4	10	42	10	slight Sulphur	D	Limestone 42.
Con VI	N. Freedly	"	May 27, 1954	4	3	6	4	Fresh	D	Stones sand 8;rock 26.
Con VI	A. J. Pratt	"	May 31, 1954	4	3	3	2 1/2	"	D	Stones sand 8;dark limestone 19.
Con VI	E. Latimer	"	Jun. 2, 1954	4	3	6	6	"	D	Stones clay 12;dark limestone 17.
Con VI	G. Robinson	"	Sep. 14, 1954	4	3	35	6	"	D	Stones clay 11;dark limestone 35.Poor supply.
Con VI	A. MacDonald	"	Sep. 20, 1954	4	4	7	4	"	D	Stones clay 7;rock 20.
Con VI	J. Morris	"	Aug. 10, 1954	4	3	7	4	"	D	Stones 7;rock 26.
Con VII	O. Tracey	"	Jun. 30, 1954	4	3	16	12	"	D, In	Dug well 8;sandy clay stones 32;brown limestone 36.
Con IX	E. Butterfield	"	Jun. 10, 1953	4	5	10	8	"	D	Top soil 2;shale 12;lime stone shale 32.
Con IX	I. Thompson	"	Jun. 18, 1953	4	4	19	12	"	D	Top soil 2;yellow clay 6;blue clay 15;rock 33.
Con X	B. Thompson	C. Bartley	Jun. 7, 1954	4	4	15	8	"	D	Sandy loam 1;sand 15;black sand small stones 25;creek sand 35;gravel 40.
Con X	Smart Bros. Canning Co.	R. Nimmo	Aug. 30, 1954	4	5	14	8	"	D, S	Brown clay stones 41;gravel 41 1/2.
Orillia	E. A. Webb	A. R. Payne	Oct. 3, 1953	4	4	12	12	Fresh	D	Clay boulders 18;lime stone 24.
Orillia	A. Lochhead	"	Oct. 17, 1953	4	5	3	2	"	D	Soft clay 40;gravel 41.
Orillia	O. Colbourne	L. J. Howell	May 18, 1954	4	7	0	0	"	D	Yellow clay 10;lime stone 36.

SIMCOE COUNTY-cont.

Locality	Name	Date	Depth	Fossils	Remarks	Notes
Orillia	H. W. Navel	Jun. 1, 1954	4	21	4	Grey hardpan 35; limestone 40.
Orillia	M. Harris	Jun. 25, 1954	4	6	10	Blue clay 28; limestone 28½.
Orillia	G. Moose	Sep. 20, 1954	4	8	20	Grey clay boulders 40; limestone 40½.
Orillia Twp.						
ND Con I	B. Lloyd	Dec. 4, 1954	4½	65	70	Clay stone 14; hardpan boulders 90; gravel sand 92.
ND Con VI	A. Foundtain	Sep. 6, 1954	10	20	20	Yellow clay 8; limestone 28.
ND Con VII	School	Sep. 15, 1953	4	8	10	Clay boulders 17; limestone 24.
ND Con IX	E. R. Clemo	Aug. 12, 1953	4	4	4	Clay boulders 20; gravel 21.
ND Con IX	S. Tracy	Nov. 15, 1954	4	Flows		Blue clay 20; limestone 26.
ND Con IX	A. Auranen	Nov. 17, 1954	4	"		Blue clay 20; limestone 26.
ND Con IX	W. Fry	Jul. 13, 1953	4	5	6	Clay boulders 23; gravel 24.
ND Con IX	G. Farber	Aug. 20, 1954	4	6	21	Yellow clay 40; limestone 47.
ND Con IX	H. Clarendon	Aug. 30, 1954	4	20	20	Yellow clay 40; limestone 47.
ND Con X	W. R. Richmond	Dec. 15, 1954	4	15	15	Clay boulders 39; limestone 50.
ND Con XII	V. McKinley	Nov. 10, 1953	4	12	12	Limestone 26.
ND Con XII	D. Brooks	Sep. 1, 1953	4	18	42	Limestone 42.
ND Con XIV	J. McNabb	Sep. 16, 1954	5	60	5	Clay 3; brownish granite 75.
SD Con III	E. Waynard	May 20, 1953	4	5	4	Soft grey clay 40.
SD Con VII	Big Chief Lodge	Jul. 10, 1954	4	21	10	Yellow clay boulders 30; limestone 60.
SD Con VIII	L. J. Howell	Sep. 21, 1953	4	8	12	Clay boulders 15; limestone 33.
Oro Twp.						
Con II	Dr. Glover	Nov. 8, 1953	4	34	43	Dug well 27; sand clay 32; large stones clay 39; hard clay 91; gravel 98.
Con III	E. Gray	Jun. 21, 1954	2	3	20	Dug well 12; gravel clay sand 35; light clay 65; stones or shale 73; fine sand and clay veins 152; fine sand 162; medium sand 166.
Con XIII	R. Shellsell	Nov. 21, 1953	4	5	80	Clay sand boulders 15; hardpan strips of gravel 111; blue clay with layers of stones 144; sand 158.
PRE Con I	B. Sun Oil Co.	Oct. 20, 1954	6½	15	40	Till 3; fine brown sand 15; boulders 20; fine gravel 30; blue clay sand gravel 97; boulders sand 105; clay 120; sand cemented gravel 137; very fine sand 150; pebble till 154.
PRE Con I	Wilson Motors	Aug. 22, 1953	4	5	20	Sand 11; sand gravel 23; sand 90.
PRE Con II	Ont. Hydro-Elec. F. W. Darby	Dec. 7, 1953	5	5	80	Yellow clay 4; sand gravel 12; blue clay 27; clay gravel 43; hard clay 71; clay sand 121; hard clay stones 123; clay gravel 161; fine sand 167. Abandoned.
PRE Con II	Imperial Oil Ltd.	Aug. 16, 1954	4	16	50	Top soil 1; sand 3; blue clay 4; clay sand gravel 9; blue clay 20; soft blue clay 37; sandy blue clay gravel 49; sandy blue clay gravel boulders 62; sandy blue clay gravel 107; fine sand silt 112; sandy clay 114; sand 120; blue clay 134.
Sunnisdale Twp.						
Con II	N. Maxwell	Apr. 15, 1953	4	144	144	Clay 140; gravel sand 203.
Con III	A. Holmes	Jul. 16, 1953	3	135	135	Clay 125; gravel 135.
Con VII	W. Schell	May 15, 1953	6	Flows		Clay 70; gravel 103.
Con XI	E. French	Feb. 18, 1953	5	22	6	Soft blue clay 140; sand 190; gravel 200.
Con XI	W. J. Nash	Jun. 21, 1954	2	3	0	Fine sand 30; yellow clay 78; sand 87.
Con XI	W. Reeves	Jul. 1, 1953	4	8	6	Sand 12; clay 27; sand 38.
Con XI	G. Pearson	Jun. 23, 1954	2	Flows		Sand 18; clay sand 26; clay gravel 35.
Con XI	G. Kerath	Oct. 19, 1954	2	8	3	Fine sand 12; gravel 16; blue clay gravel veins 60; fine sand 64; light gravel 70.
Con XVI	M. Wolfe	Jun. 3, 1953	2	7½	20	Muck sand 25; soapstone 26½; soapy yellow clay 46; fine sand 64; shaly gravel stone 80; gravel stone 84.
Con XVI	R. Starkweather	Jun. 6, 1953	2	6	12½	Muck coarse sand 26; white clay sand 40; shale 52; hardpan 63; fine hard sand 70; shale 74; fine sand clay 80; boulders 84; gravel clay 90; coarse gravel 93.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SIMCOE COUNTY-cont. Sunnisdale Twp.cont.										
Con XVI Block A	R.Perfold	M.Coupland	Jul. 3,1953	2	6	16	2½	Fresh	P	Fine yellow sand 11;fine black sand 20;soft white clay spots of shale 65;hard shale 71;hardpan 83;fine sand gravel 90.
Con XVII	W.E.Collins	R.Nimmo	Jun 14,1954	2	8	2	0	"	P	Sand 30;yellow clay 78;coarse sand 86.
Con XVI	J.Wherry	M.Coupland	Oct. 8,1954	2	6	16	3	"	D	Yellow sand 12;coarse gravel 24;white clay 56;clay shale 80; fine sand coarse gravel 90.
Con XVI	A J.B.Dods	R.Nimmo	Oct. 9,1954	2	5	0	0	"	D	Sand 25;brown clay 65;gravel 72.
Con XVI	G.Clinton	M.Coupland	Oct.26,1954	2	5	14	0	"	D	Fine sand 66;coarse sand gravel 70.
Con XVII	R.E.Eirick	R.Nimmo	Jul. 6,1953	2	10	3	1	"	D	Sand 30;clay 76;gravel.
Con XVI	E.McCady	"	Sep. 3,1953	4	8	0	0	"	P	Sand 20;blue clay 60;sand 101.
Con XVI	E.Sims	"	Sep.10,1954	4	5	7	4	"	P	Sand 25;brown clay 79;sand 107.
Con XVI	C.Clifford	"	Jun.11,1953	2			Flows	"	D	Sand 20;clay 120;gravel 121.
SRE	H.Orser	E.Hirons	Jun.18,1954	5				"	D	Top soil 3;brown clay 31;sandy clay 35;blue clay 81;fine sand gravel 89;blue clay 94;sand gravel 106;fine sand 130;limestone 300. Dry hole.
SRE	"	"	Jun.22,1954	5	4	80	16	Fresh	D,S	Top soil 3;brown clay 30;sandy gravel 33;blue clay 80;fine sand 84;sand gravel 89;blue clay 94;sand 104;gravel 106.
SRW	D.Patterson	F.Wright & Son	Oct.22,1954	4	5	30	28½	"	D	Top soil 2;clay 33;clay sand 70;quicksand 116;sand clay 123; medium sand 133.
Tay Twp.										
Con III	School S.#5	L.J.Howell	Nov.23,1954	4½	5	135	110	Fresh	P	Brown clay 20;yellow clay stones 40;fine sand 145;gravel sand 165.
Con IX	Ont.Hydro-Elec- tric Power com	"	Apr.29,1954	4	7½	91½	19	"	P	Fill and top soil 20;stones clay 35;soft clay 40;hardpan stones boulders 65;soft clay stones 73;soft reddish sandstone 75;solid sandstone 80;hard granite 126;soft black granite 146.
Con XI	G.Howell	"	Dec. 1,1953	4						Gravel 10;hardpan 20;quicksand 50.Dry hole.
Tecumseth Twp.										
Con X	E.Dorsey	E.Hirons	Sep. 3,1954	5	100		Flows	Fresh	D,S	Brown clay 120;sand gravel 130;blue clay 295;gravel 301.
Tiny Twp.										
PRW Con II lot 94	G.Parker	F.Wright & Son	Sep. 8,1954	4	4	87	79	Fresh	D	Top soil 2;hard clay stones 14;soft blue clay 52;sand boulders w/ strips of sandy muck 82;sandy clay w/strips of hardpan 98; strips of hardpan clay sand 134;medium fine sand 149.
Toscoronto Twp.										
Con II lot 31	H.Ward	R.Nimmo	May 17,1954	4	8	60	50	Fresh	D,S	Yellow clay fill 25;blue clay 210;medium gravel 211.
Vespra Twp.										
Con I lot 27	V.Moore	M.Coupland	Nov.25,1954	2	7½	65	41	Fresh	D	Clay 17;fine white sand 55;clay 65;coarse sand gravel 72.
Con I	I.Orr	"	Dec. 8,1954	2	10	50	38	"	D,S	Roots logs 12;fine yellow sand 40;clean fine white sand 50; medium sand 57.
Con IV	R.Mason	"	Sep.15,1953	2	5	34	24	"	D	Medium sand 25;fine silt 50;clay 52;fine sand 68;coarse sand 73.
Con IV	J.McDinnis	"	Jul.28,1953	2	10	55	40	"	D	Sandy gravel 50;fine sand 60;coarse sand 65.
Con IV	B.Potter	"	Jul. 2,1954	2	7½	50	44	"	D	Sandy loam 3;coarse gravel 32;stony gravel clay 44;fine sand 56;medium and coarse sand 60.
Con IV	L.Poolle	"	Sep.28,1954	2	6	53	49	"	D	fine sand 17;coarse sand gravel 43;gravel clay 48;fine sand 56;coarse sand 61.
Con IV	W.Mayers	F.Wright & Son	Sep.25,1954	4	3	35	16	"	D	Sand 52.
Con IV	W.C.Carthy	"	Sep.29,1953	4	5	69	67	"	D	Top soil 2;sand clay 28;coarse gravel 37;sand gravel 96; sand 135.
Con IV	C.Gilmore	"	May 11,1953	4	3	93	91	"	P	Top soil 1;gravel 4;clay boulders 11;coarse gravel 28;sand 127.
Con IV	I.MacLean	"	Oct.28,1953	4	2	87	82	"	D	Top soil 1;gravel 3;sand clay boulders 118;coarse sand 127.
Con V	J.Cummings	"	Jul.18,1954	4	4	65	63	"	D	Top soil 1;clay sand 32;sand 78;hard clay stones 90;medium sand 97.
Con V	W.Lockhart	M.Coupland	May 5,1953	2	7½	90	70	"	D	Loam and clay streaks 18;hardpan large stones 46;coarse sand 60; hardpan coarse gravel 90;fine sand 100;coarse sand 112.
Con V	E.Binnie	F.Wright & Son	Sep.11,1953	4	4	70	67	"	D	Top soil 2;sand 5;clay boulders 22;sandy clay stone 53;sandy clay 80;sand 94.

SIMCOE COUNTY-cont.

Vespra Twp.cont. Con V.	lot 21	R.Archer	F.Wright & Son	Sep. 7, 1954	4	5	56	54	Fresh	D	Top soil 1; clay boulders 53; sand clay 78; sand 116; sand clay 118; medium sand 126.
Con VI	" 1	S.J.Cox	"	Sep. 19, 1953	4	5	35	33	"	D	Top soil 1; sand 4; clay boulders 44; clay sand 46; clay stones 52; sand gravel 71.
Con VI	" 24	E.Fee	"	May 15, 1953	4	3	36	8	"	D	Top soil 1; sand stones 45; sand 55.
Con VI	" 24	T.Hill	M.Coupland	Oct. 3, 1953	2	5	18	9	"	D	Gravel 16; clay 34; clay sand veins 70; hardpan 75; fine sand stones 92; medium sand 102.
Con VI	" 24	Jackson Motors	"	Sep. 11, 1954	2	6	16	11	"	C	Light sand muck 14; limest. 30; blue clay sand veins 85; coarse sand 92.
Con VI	" 25	J.Payne	"	Sep. 18, 1953	2	5	16	9	"	D	Sand muck 16; gravel 22; blue clay sand 52; fine sand 62; coarse sand 68.
Con VI	" 25	Ont.Hydro-Electric Power Com	"	Aug. 27, 1954	2	7½	18	10½	"	D	Yellow mud sand 14; blue clay 62; fine sand clay 68; clay sand 101; shale 103; clay sand 110; sand gravel 116.
Con VI	" 25	L.Gray	"	Sep. 3, 1954	2	6	18	10½	"	D	Muck yellow sand 7; light clay 14; coarse gravel stone 30; blue clay 65; clay fine sand 92; fine and medium sand 97; coarse sand 103.
Con VII	" 23	J.Watson	"	Sep. 26, 1953	2	5	15	3	"	D	Fine sand 41; fine sand clay 46; fine sand 50; med. coarse sand 58.
Con VII	" 19	S.MacFarlane	F.Wright & Son	Apr. 12, 1953	4	2	79	Flows	"	D	Old well 2; clay large stones 18; clay sand 34; sand clay.
Con IX	" 19	V.Howard	M.Coupland	May 23, 1953	2	8	79	68	"	D.S	Top soil 68; fine sand 78; coarse sand 82.
Con IX	" 20	School	F.Wright & Son	Aug. 12, 1953	4	4	101	98	"	P	Top soil 1; sandy clay 6; clay boulders 30; gravel stones hardpan 120; coarse sand 132.
Con XI	" 6	P.Chappell	M.Coupland	Apr. 14, 1953	2	7	6	Flows	"	D.S	Muck clay 24; stones 32; clay 28; sticky clay 45; hardpan 50; gravel 54.
Con XI	" 22	C.Fetter	"	Aug. 15, 1953	2	2	10	0	"	D	Fine black sand clay 44; soft white clay 122; shale 126; fine sand clay 170; hardpan stones 188; fine sand coarse sand 202.
Victoria Harbour		S.H.Price	L.J.Howell	Oct. 15, 1953	4	2	10	0	Fresh	D	Sand 10; clay boulders 27; limestone 56.
West Gwillimbury Twp.	lot 16	R.Hughes	F.Wright & Son	Aug. 4, 1954	4	4	117½	117½	Fresh	D	Top soil 2; clay sand stones 27; sand 88; clay sand hardpan 131; hardpan stones 136; sand 148.
B.F.	" 23	A.A.Wagman	Reliance Well Drl	Jun. 9, 1954	2	2					Top soil 2; soft clay 19; coarse gravel 23; gravel sand 78; rock.
Con V	" 14	A.Hrynuk	F.Hollingshead	Apr. 15, 1953	2	2		Flows	Fresh	D	Dry hole.
Con V	" 16	N.Bereynick	"	Mar. 8, 1953	2	2		"	"	D	Black muck 10; clay 60; sand 96; gravel 100.
											Black muck 15; clay 45; hard and soft sand 155.
STORMONT COUNTY.											
Cornwall Island		School	Poliskin Well Drl.	Jan. 10, 1953	5	8	40	30	Fresh	P	Hardpan 40; sand 90; gravel 92; limestone 114.
Indian Reservation			"	Jan. 30, 1953	5	5	40	30	Fresh	D	Hardpan 45; sand 87; gravel 92.
Cornwall Island		P.Caulwell	"	Feb. 12, 1953	5	4	26	19	Fresh	D	Hardpan 60; gravel 65; limestone 73.
Indian Reservation		S.White	"								
Cornwall Twp.	lot 30	A.Petterly	R.Casselman	Sep. 10, 1953	5	13	18	18	Fresh	D	Old well 22; till 30; fine gravel 43; till 60; limestone 74½.
Con I	" 31	School	"	Jul. 9, 1953	5	13	18	16	"	P	Top soil 3; till boulders 30; till 59; limestone 91.
Con II	" 5	McColl-Pronte-Oil Co.	"	May 23, 1953	6	17	44	41	"	P	Top soil 8; till 40; gravel 42; till 79½; limestone 176.
Con II	" 5	British-American Oil.	"	Jul. 14, 1953	6	17	41	35	"	P	Fill 4; top soil 6; till boulders 26; till 53; gravel 56; till 84; sand 90; till 92½; limestone 216.
Con II	" 5	Trans Northern Pipe Line Co.	"	Jul. 21, 1954	5	17	40	34	"	P	Fill 3; top soil 6; clay 40; hardpan 44½; medium hard limestone 192.
Con II	" 13	D.Bourdon	A.Bourdon	Jun. 26, 1954	1	20	10	Flows	"	P	Blue clay 52.
Con II	" 21	Ont.Hydro-Electric Power Comm.	R.H.Casselman	Nov. 10, 1954	6	20	10	3	"	P	Top soil 2; hardpan 56; limestone 80.
Con II	" 22	"	Poliskin Well Drl	May 23, 1953	5	8	17	12	"	P	Sand 6; clay 64; shale 109.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
STORMONT COUNTY-cont. Cornwall Twp.-cont.										
Con III lot 9	R. MacDonald	R.H.Casselman	Jun.11,1953	6	13	19	19	Fresh	D	Old well 36;till 46;coarse gravel 50;till 66;limestone 67.
Con III "	H.G.Roche	"	Jul.24,1953	5	17	12	8	"	D	Top soil 3;gravel 6;till 42;fine gravel 43.
Con III "	L.Desorney	Poliskin Well Drl	Jul.25,1953	5	10	25	8	"	D	Hardpan 55;gravel 58;limestone 65.
Con III "	L.Hart	"	Oct.2,1953	5	10	30	15	"	D	Clay 6;hardpan 42;gravel 46.
Con III "	A.Bellefeuille	"	Oct.22,1953	5	10	25	12	"	D	Hardpan 48;gravel 54.
Con III "	E.Julien	"	Nov.26,1953	5	6	20	10	"	D	Hardpan 40;gravel 42.
Con III "	G.Sutherland	"	May 28,1954	5	4	10	Flows	"	D	Clay 7;hardpan 42;gravel 45;limestone 51.
Con III "	G.Portier	"	May 29,1954	5	3	20	5	"	D	Clay 4;hardpan 56;gravel 58;limestone 62.
Con III "	A.Julien	Munroe Bros.	Jan.16,1955	5	4	14	1	"	D	Stones 27;hardpan 32;clay 41;gravel 49;rock 50;coarse gravel.
Con III "	J.Comseau	"	Apr.15,1955	5	5	2	2	"	D	Stones gravel 23;hardpan 33;blue clay 40;gravel 46.
Con III "	R.Thomas	Poliskin Well Drl	May 16,1955	5	5	15	Flows	"	D	Clay 20;hardpan 42;gravel 45;limestone 45.
Con III "	V.Abernathy	"	May 16,1955	5	5	15	8	"	D	Hardpan 51;gravel 58.
Con III "	G.McCarthy	"	Jun. 1,1955	5	5	2	0	"	D	Clay 6;hardpan 42;gravel 46;shale 49.
Con III "	H.Freeman	"	Jun.20,1955	5	7	2	Flows	"	D	Clay 20;hardpan 40;gravel 45;shale 47.
Con III "	W.L.Hickok	"	Aug. 5,1955	5	10	18	7	"	D	Hardpan 45;gravel 48.
Con III "	G.Savve	"	Aug.10,1955	5	10	12	8	"	D	Hardpan 41;gravel 42.
Con III "	Dutch Reform Church	"	Aug.15,1955	5	10	30	14	"	P	Hardpan 60;gravel 65.
Con III "	D.Lagrou	Munroe Bros.	Sep.15,1955	5	4	19	9	"	D	Coarse gravel 20;stones 33;blue clay 47;hardpan 55;gravel 59.
Con III "	B.Lewis	Poliskin Well Drl	Sep.23,1955	6	10	25	15	"	D	Clay 8;hardpan 39;gravel 46.
Con III "	R.McCormick	"	Oct.10,1955	6	10	25	17	"	D	Hardpan 57;gravel 59.
Con III "	I.Julien	Munroe Bros.	Oct.15,1955	5	4	23	12	"	D	Coarse gravel stones 27;blue clay 40;hardpan 50;blue clay 57;fine gravel 60.
Con III "	V.Whalley	Poliskin Well Drl	Oct.17,1955	6	10	18	10	"	D	Hardpan 40;gravel 42;limestone 48.
Con III "	D.Bougie	Munroe Bros.	Nov.10,1955	5	4	10	7	"	D	Dug well 16;blue clay 40;gravel 44.
Con III "	F.Marion	Poliskin Well Drl	Nov.20,1955	5	6	14	8	"	D	Hardpan 40;gravel 42;limestone 46.
Con III "	A.Malonde	A.Gauthier	May 22,1954	4	7	35	8	"	D	Hardpan 46;gravel 49.
Con III "	R.Payette	Poliskin Well Drl	Jun. 1,1954	4	3	15	0	"	D	Clay 7;hardpan 44;gravel 45;limestone 46.
Con III "	P.Bergeron	"	Jun.29,1954	5	4	10	0	"	D	Clay 6;hardpan 44;gravel 45;limestone 56.
Con III "	H.Raynor	"	Jun.30,1954	5	4	10	0	"	D	Clay 4;hardpan 44;gravel 48;limestone 53.
Con III "	D.Ouimet	"	Jul.15,1954	5	4	20	15	"	D	Hardpan 54;gravel 57.
Con III "	R.Eadic	Munroe Bros.	Dec. 5,1954	5	4	5	5	"	D	Gravel boulders 23;hardpan 40;blue clay 55;hardpan 61;coarse gravel 63.
Con III "	L.Fortier	Poliskin Well Drl	May 5,1954	5	10	9	Flows	"	D	Clay 38;gravel 40;limestone 66.
Con III "	Ernies Hotel	"	Nov. 2,1954	5	8	23	22	"	P	Sand 7;clay 35;hardpan 52;gravel 57;limestone 84.
Con III "	A.Morrison	R.H.Casselman	Jul.29,1955	5	17	20	20	"	P	Top soil 3;fine sand 30;gravel 36;till 48;hard packed gravel 53;limestone 92.
Con IV "	J.Woods	"	Jul.28,1954	6	17	25	6	"	D	Rock fill 3;coarse running gravel 39;medium limestone 98.
Con VI "	A.Gagne	A.Gauthier	Jun.29,1954	4	4			"		Hardpan 21;rock 132. Dry hole.
Con VI "	O.Labade	Poliskin Well Drl	Jul.14,1954	5	4			"		Hardpan 8;limestone 105. Dry hole.
Con VI "	R.Jeroux	Munroe Bros.	May 25,1955	5	4	6	2	"	D	Clay 12;coarse gravel 29;hardpan 40;gravel 44.
Finch Twp.										
Con II lot 13	W.Beehler	M.Leduc	May 8,1953	4	4	6	6	Fresh	D	Grey hardpan 10;grey limestone 31.
Con II "	School	"	May 22,1953	4	7	8	8	Sulphur	P	Clay 10;hardpan 30;limestone 50.
Con III "	F.Bervatle	"	Apr.22,1953	4	7	8	4	"	P	Grey hardpan 20;limestone 26.
Con III "	L.Hutt	"	Aug.14,1953	4	3	20	20	"	D	Hardpan 14;grey limestone 38.
Con VI "	P.R.MacLeod	"	Nov.28,1953	4	3		20	"	D	Hardpan grey clay stones 30;grey limestone 38. Water contains iron.

STORMONT COUNTY-cont.

Finch Twp.-cont. Con VI lot 13	V. Lalonde	M. Leduc	Aug. 27, 1954	4	13	13	Fresh	D	Hardpan 21; gravel 25.
Con VI lot 14	C. MacQueen	"	Aug. 12, 1954	4	14	11	"	D	Red clay 15; hardpan 32; limestone 35.
Con IX lot 20	A. Godard	"	Jul. 20, 1954	4	6	6	"	D, S	Clay 12; sand 50; gravel 52.
Con X lot 12	M. Leduc	"	Feb. 21, 1953	4	1 1/2	18	"	D	Hardpan 34; limestone 38.
Con X lot 12	J. Fleming	"	Mar. 31, 1953	4	5	16	"	D	Gravel 16; limestone 36.
Con X lot 12	P. Birsonelt	"	Aug. 20, 1953	4	2 1/2	6	"	D	Blue clay 5; grey hardpan gravel 25; gravel 28.
Con X lot 12	C. S. Brydies	"	Oct. 31, 1953	4	4	18	Sulphur	D	Grey clay boulders 10; grey limestone 38.
Con X lot 12	A. Clontier	"	Nov. 12, 1953	4	1	70	Mineral	D	Hardpan 10; grey limestone 70.
Con X lot 12	J. R. Leduc	"	Dec. 22, 1953	4	1 1/2	49	Fresh	D	Hardpan 13; limestone 49.
Con X lot 12	Cryslar Poul- triv & Egg Grading Snn.	"	Apr. 24, 1954	4	3	25	"	D	Blue clay 10; limestone 50.
Con X lot 13	J. P. Armsstrong	"	Aug. 29, 1953	4	4	10	"	D	Till 23; grey clay boulders stones grey limestone 30.
Con X lot 22	O. Robillard	"	Jul. 26, 1954	4	8	6	"	D, S	Red clay 8; blue clay 38; hardpan 58; gravel 62.
Osnabruck Twp. Con II lot 30	Ont. Hydro-Elec- tric Power Com	R. H. Casselman	Apr. 5, 1954	5	17	18	Flows	P	Top soil 4; till 10; gravel clay 53 1/2; gravel 54 1/2.
Con VIII lot 8	Kraft Foods	C. V. Morrison	Aug. 18, 1954	10					Black earth 22. Dry hole.
Roxborough Twp. Con I lot 5	H. Blendin	Poliskin Well Drl	Jun. 7, 1954	6	5	8	Fresh	D, S	Dug well 10; limestone 80.
Con I lot 13	P. Jackson	"	May 24, 1954	6	3	125	"	D, S	Sand 10; hardpan 24; gravel 24 1/2; limestone 125.
Con III lot 13	C. Helps	R. H. Casselman	Feb. 1, 1954	5	4	100	"	S	Top soil 1; till 8; gravel 16; very hard dolomite 70; medium hard dolomite 148.
Con VIII lot 34	J. E. Bazinet	M. Leduc	Jun. 6, 1953	4	7	8	Sulphur	S	Black muck 15; blue clay 75; grey hardpan gravel 81;
Con VIII lot 36	W. Aube	"	May 21, 1954	4	7	20	"	D, S	soft limestone 95.
Con VIII lot 38	R. Pairier	"	Jul. 7, 1953	4	5	6	Fresh	In	Red clay 5; blue clay 27; limestone 65.
SUBURBY DIST. Appleby Twp. Con I lot 4	S. Duhaime	S. Bradley	Mar. 20, 1954	2	1 1/2	20	Fresh	D, S	Hardpan boulders 26; grey granite 207.
Con II lot 1	A. Turcot	"	Aug. 31, 1954	2	1	22	"	D	Clay 4; red granite 122.
Bigwood Twp. Con I lot 3	A. Roy	S. Bradley	Sep. 29, 1954	2	3	20	Fresh	D, S	Clay 18; red and grey granite 166.
Broder Twp. Con V lot 5	W. G. Cooke	J. L. Pilon	May 31, 1954	2		10			Sand 17; boulders gravel 57. Abandoned.
Capreol	Town of Capreol	International Water Supply	Aug. 15, 1953	8				T	Top soil 1; sand gravel 5; sand 23; sand gravel 26; silty sand 28; silty sand gravel 30; silty sand 36; blue clay 46; silty sand gravel 49; cemented gravel 51; rock.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SUDBURY DIST.-cont.										
Capreol	Town of Capreol	International Water Supply	Aug. 18, 1953	8					T	Top soil 1; dirty sand gravel 3; sand gravel 24; clay 35; silty clay streaks of blue clay 65; rock.
Capreol	"	"	Aug. 24, 1953	8					T	Top soil 1; sand coarse gravel 17; fine sand coarse gravel 22; fine sand 32; silt streaks of blue clay 75; soft blue clay 87; rock.
Capreol	"	"	Sep. 3, 1953	8					T	Top soil 1; sand 6; sand gravel 32; rock.
Capreol	"	"	Sep. 11, 1953	8					T	Sand gravel 14; fine sand gravel 17; fine silty sand 25; silty sand streaks of blue clay 33; rock.
Capreol	"	"	Sep. 15, 1953	8					T	Top soil 1; sand 16; sand fine gravel 20; blue clay 26; rock.
Capreol	"	"	Nov. 17, 1953	8	37	8½	4		T	Sand gravel 2; fine sand 8; sand 11; sand gravel 19; clay 25; rock. Abandoned.
Capreol Twp. Con I lot 9	Town of Capreol	International Water Supply	Sep. 1, 1953	8	38	16	15½		T	Top soil 1; dirty sand gravel 10; sand gravel 43; silt 46. Abandoned.
Con V " 10	C.N.R.	"	Nov. 25, 1953	8					T	Sand coarse gravel 12; sand gravel 45; fine sand 56; silty clay 58; fine sand 70; clay 73; fine sand streaks of clay 111; sand some fine gravel 113; hard packed sand gravel 123; rock.
Con V " 11	C.N.R.	"	Dec. 2, 1953	8	36	6	1	Fresh	T	Sand gravel 20; sand 40; sand fine gravel 68; blue clay 69; fine sand 71.
Cherriman Twp. Con V lot 1	J. Pedneault	S. Bradley	Nov. 4, 1954	2	4	15	12	Fresh	D	Clay 6; gravel 12; red and grey granite 44.
Cosby Twp. Con II lot 1	School	S. Bradley	May 17, 1953	2	20	7	7	Fresh	P	Clay 17; red granite 182.
Con III " 1	A. Carriere	"	Jun. 28, 1954	2	4	18	10	"	D	Clay 17; red granite 190.
Con III " 4	A. Bigras	"	May 6, 1954	2	3	18	16	"	D.S	Clay 12; hard red granite 145.
Dill Twp. Con IV lot 12	School S.#1	J.L. Pilon	May 22, 1954	3		15				Previously drilled 20; sand few small boulders 110; green rock occasional quartz stringers 192. Abandoned.
Dunnet Twp. Con I lot 6	L. Benoit	S. Bradley	Mar. 11, 1953	2	3½	20	16	Fresh	D	Hardpan 4; red granite 84.
Con I " 6	School S.#1	"	May 31, 1954	2	3	22	17	"	P	Clay 3; grey and red granite 125.
Con III " 6	L. Brisson	"	Jul. 21, 1954	2	2	25	17	"	D.S	Gravel 2; red and grey granite 234.
Con VI " 2	School	"	Jun. 16, 1953	2	3	24	20	"	P	Clay 48; red granite 148.
Con VI " 2	D. Crampton	"	Apr. 30, 1954	2	3	10	7	"	D	Clay 2; red and grey granite 141.
Garrison Twp. Con II lot 4	International Nickel Co.	International Water Supply	Oct. 1, 1953	8	150	49½	24½	Fresh	T	Dirty sand 6; sand boulders 9; dirty fine sand 34; fine sand 49; fine sand some gravel 60; sand fine gravel 80; sand coarse gravel 110; packed sand and gravel 121; rock.

SUBURBY DIST cont.

Garson Twp. cont.	Con II	lot	4	International Nickel Co.	International Water Supply	Oct. 8, 1953	8	187	57	24½	Fresh	T
Con II	"	"	4	"	"	Dec. 14, 1953	8					T
Con IV	"	"	3	Neelon/Garson Twp.	"	Jun. 9, 1954	8					T
Con IV	"	"	3	"	"	Jul. 7, 1954	8					T
Hagar Twp.	Con I	lot 1		C. Roy	Canadian Long- year Ltd.	Sep. 18, 1954	3	½	45		Fresh	T
MacLennan Twp.	Con I	lot 10		Can. Dept. of Transport	M. McRae	Jul. 12, 1953	6					T
Con I	"	" 10		"	"	Jul. 17, 1953	6					T
Con I	"	" 10		"	"	Aug. 15, 1953	6					T
Marland Twp.	Con II	lot 7		J. Seguin	S. Bradley	Oct. 19, 1954	2	7	10	7	Fresh	D
Neelon Twp.	Con IV	lot 12		Neelon/Garson Twp.	International Water Supply	Jun. 3, 1954	8	39½	11	3½	Fresh	T
Con V	"	" 10		"	"	Apr. 15, 1954	8					T
Con VI	"	" 9		"	"	Jun. 18, 1954	8					T
Con VI	"	" 9		"	"	Jul. 2, 1954	8	41	16	9	"	T
Con VI	"	" 10		"	"	Apr. 4, 1954	8					T
Con VI	"	" 10		"	"	May 27, 1954	8					T
Con VI	"	" 11		Sep. School	M. P. McRae	Dec. 26, 1953	4	3	35	20	Fresh	P
Con VI	"	" 11		Neelon/Garson Twp.	International Water Supply	Jun. 12, 1954	8					T
Scollard Twp.	Con V	lot 24		V. Lafreniere	S. Bradley	May 7, 1953	2	7	17	17	Fresh	D
Snider Twp.	Con I	lot 1		International Nickel Co.	International Water Supply	Nov. 26, 1954	10					T
Con I	"	" 1		"	"	Dec. 1, 1954	10					T
Con I	"	" 1		"	"	Dec. 2, 1954	10					T
Con I	"	" 1		"	"	Dec. 8, 1954	6	48	5	Flows	Fresh	T
Waters Twp.	Con V	lot 2		International Nickel Co.	International Water Supply	Aug. 30, 1954	10	375	28	7		T
Con V	"	" 2		"	"	Nov. 16, 1954	10					T
Con V	"	" 3		"	"	Feb. 3, 1954	8					T

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Fine sand 35; sand 62; clay 63; sand 105; sand some fine gravel 116; silty sand 134; rock.
 Dirty sand 6; dirty fine sand 34; fine sand streaks of clay 50; fine sand 60; sand gravel 80; sand coarse gravel 110; packed sand coarse gravel 114.
 Brown earth 3; dirty sand gravel 7; blue and grey silty clay 68; blue and grey hard packed silt 89; rock.
 Brown sandy clay 11; blue grey silty clay 116; rock.
 Heavy gravel little boulders 20; coarse gravel light boulders 40; heavy boulders 45; coarse gravel boulders 70; gravel blue coarse sand 81. Abandoned.
 Boulders 9; Abandoned due to boulders.
 Boulders 12; Abandoned due to boulders.
 Granite boulders 22; fine sand 181; granite rock. Dry hole.
 Clay 11; red and grey granite 175.
 Gravel fill 1; dirty sand 3; dirty gravel streaks of clay 26; dirty sand 57; coarse sand gravel 72; coarse sand gravel streaks of silty sand 85; coarse sand 99; coarse sand gravel 104.
 Grey clay 31; clay silt 42; silt clay 53; silty sand 102; rock.
 Brown earth 1; sandy clay 17; sand gravel 18.
 Black mud 2; sandy clay 20; silty sand 45; fine sand 50; coarse sand 52; coarse sand gravel 71; rock.
 Yellow clay sand 4; grey clay 32; silty clay 55; hardpan 64; fine sand 85; fine silty sand bits of wood 90; fine sand broken rock 95; rock.
 Frozen yellow sand 4; yellow sand clay 25; grey fine sand 56; tight silty sand 86; rock.
 Grey clay 25; silt 55; pea gravel 55; silt 80; coarse gravel 85.
 Brown earth 1; brown sandy clay 19; silty sand 50; dirty sand 59; rock.
 Clay 12; quicksand 30; gravel 50.
 Gravel fill 1; dirty brown sand 4; dirty sand gravel 19; rock 20.
 Silty sand 8; blue grey clay 11; brown clay 16; dirty coarse sand gravel 17; rock.
 Black earth 1; silty sand 5; grey clay 16; dirty sand gravel 16; rock.
 Black earth 1; grey sandy clay 16; coarse dirty sand gravel 25; coarse sand fine gravel 50.
 Black earth 1; brown sandy clay 20; blue grey clay 52; blue grey hard packed silt 87; coarse sand gravel 115; rock.
 Brown sandy clay 1; blue grey clay 4; brown sandy clay 14; blue grey clay 69; blue grey hard packed silt 117; cemented gravel 122; rock.
 Sandy clay 8; coarse gravel boulders clay 42; rock 42½.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
SUBBURY DIST cont. Waters Twp. Con V lot 3	International Nickel Co.	International Water Supply	Feb. 10, 1954	8					T	Sandy clay 35; silty sand some gravel 45; gravel silty sand 50; sand gravel 54; cemented gravel 57; rock 57 1/2. Sandy clay 15; clay 58; dirty gravel 70; sand gravel 78; silty 86; rock.
Con V " 3	"	"	Apr. 30, 1954	8	30	56	4 1/2		T	Brown sandy clay 17; grey clay 44; silty sand 67; rock. Dirty sand 1; sandy clay 4; clay gravel 12; blue clay 25; silty sand 28; rock.
Con V " 3	"	"	May 5, 1954	8					T	clay 16; fine sand some gravel 24; sand gravel 50; fine sand 56; fine sand gravel 59.
Con VI " 1	"	"	May 14, 1954	8					T	Yellow sand 3; sand 20; sand gravel 24; sand gravel clay 30; rock.
Con VI " 2	"	"	Oct. 16, 1953	8	30	16	11	Fresh	T	clay 40; silty clay 64; sand fine gravel 73; sandy clay 77; rock.
Con VI " 2	"	"	Oct. 19, 1953	8					T	clay 5; dirty sand 24; sand gravel 58; cemented gravel 65; rock.
Con VI " 2	"	"	Oct. 22, 1953	8	100	18 1/2	5 1/2	"	In	clay 20; silty clay 41; rock 41 1/2.
Con VI " 2	"	"	Nov. 10, 1953	8					T	clay 16; silty clay 29; fine silty sand gravel 43; sand gravel 47; rock 47 1/2.
Con VI " 2	"	"	Feb. 16, 1954	10					T	clay 30; clay boulders 35; rock 35 1/2.
Con VI " 2	"	"	Feb. 22, 1954	8					T	clay 10; dirty sand 23; sand gravel 46; rock 46 1/2.
Con VI " 2	"	"	Mar. 9, 1954	8					T	clay 25; silty clay 43; sand gravel 46 1/2; rock 47.
Con VI " 2	"	"	Mar. 10, 1954	8					T	clay 35; silty clay 50; silt 58; sand gravel 62; rock.
Con VI " 2	"	"	Mar. 12, 1954	8				"	T	clay 35; silty clay 53; sand gravel 73; silt.
Con VI " 2	"	"	Mar. 29, 1954	8	220	46	7 1/2	"	P	clay 40; silty clay 60; silt 105; fine silty sand 120; rock.
Con VI " 3	"	"	Oct. 30, 1953	8					T	Soft sandy clay 25; soft clay 60; clay 60; clay 75; silty clay 86; clay boulders 87; rock.
Con VI " 3	"	"	Apr. 3, 1954	8					T	clay 45; silty clay 68; silt gravel 72; cemented gravel 77; rock.
Con VI " 3	"	"	Apr. 13, 1954	8					T	
THUNDER BAY DIST. Blake Twp. Con IX lot 10	W. Oleksuk	G. E. Duce	Nov. 14, 1953	5	1 1/2	30	11	Fresh	D, S	Red clay 34; grey clay 63; grey clay pebbles 87; black gravel sand 91; fine gravel 96.
McIntyre Twp. Lot M	A. Wardle	G. E. Duce	Mar. 9, 1953	5	1/2		6	Fresh	D	Brown shale some clay 7; brown clay some small stones 13; gravel 15.
Nesbitt Twp. KRN Con II lot 11	P. Czykula	G. E. Duce	Aug. 10, 1953	5	5	36	6	Fresh	D	Muskeg 3; brown clay 12; fine grey sand 20; blue clay 76; blue clay some coarse gravel 84; red gravel 86.
KRN Con IV " 13	C. A. Auld	"	Oct. 26, 1953	5	2 1/2	30	10	"	D	Old well 17; blue clay 74; blue clay some gravel 124; blue clay 134; blue clay coarse gravel 136; black coarse gravel 137; black sand 139.
KRN Con IV " 15	H. R. Dowewell	"	Jan. 16, 1954	5	3	26	12	"	D	Old well 12; fine brown sand 18; blue clay 56; quicksand 87; black clay 102; till 120; gravel 121.
KRN Con IV " 17	W. Dampier	"	Aug. 18, 1953	5	3	17	11	"	D	Muskeg 2; grey sand 18; black clay 37; till 46; red gravel 47.
KRN Con IV " 21	W. Bigger	"	Oct. 15, 1953	5	13	18	5	"	D	Old well 2; till 46; black gravel some sand 47.
KRS Con I " 13	W. Musko	"	Nov. 4, 1953	5	1 1/2	35	27	"	D	Old well 30; black clay 40; till 47 1/2; gravel.
KRS Con IV " 17	E. Buitenhuis	"	Feb. 12, 1953	5	1 1/2	30	16	"	D	clay loam 4; brown clay some gravel 24; hard black clay some gravel 39; till 50; black shale 72.
Painpouge Twp. KRS Con A lot 31	O. Sideen	G. E. Duce	Feb. 27, 1953	5	1/2	23	17	Fresh	D	Old well 20; till 40.

THUNDER BAY DIST. cont.

Paiopouge Twp. cont. KRS Con IV lot 10	M. Gratz	Thunder Bay " Drilling	Nov. 10, 1954	5	5	60	18	Slightly Salt	D	Top soil 1; blue clay 70; gravelly clay 135; blue clay 140; medium sand 142.
KRS Con IV " 18	N. Schutte	"	Dec. 15, 1954	5	5	70	16	"	D	Top soil 1; brown clay 17; blue clay 52; gravelly clay 130; coarse gravel 132.
KRS Con V " 2	W. Wilczynski	G.E. Duce	Nov. 30, 1953	5	7	12	6	Fresh	D, S	Old well 30; black clay boulders 55; till 60.
KRS Con V " 11	C.A. Swanson	Thunder Bay Drilling	Nov. 20, 1954	5	8	40	18	Salt	D	Top soil 1; brown clay 17; blue clay 70; gravel sand 114.
KRS Con V " 19	H. Cammond	G.E. Duce	Jan. 20, 1953	5	5	12	8	"	"	Brown clay 13; quicksand 20; black clay 50; till 101.
Pic Twp Con X lot 21	Ont. Dept. Highways	G.E. Duce	Dec. 21, 1954	5	3	70	70	Fresh	P	Old well 20; fine grey sand 52; quicksand 54; fine grey sand 82.
Scoble Twp. Con I lot 7	T. Coward	G.E. Duce	Aug. 4, 1953	6	10	0	0	Fresh	D, S	Old well 15; brown clay 55; dark clay 70; dark clay some fine gravel 90; blue clay some fine gravel 94; till 100; coarse black sand 101.
Con V " 2	G. Gilbert	"	Dec. 5, 1953	5	2	21	6	"	D	Brown clay 4; brown shale 40.
Sibley Twp. Con V lot 1	Salun Church Lutheran	G.E. Duce	Aug. 26, 1954	5	5	27	18	Fresh	D	Coarse gravel 14; red clay some coarse sand 22; quicksand 23; clay 27; coarse sand 30.
Stirling Twp. Con II lot 4	E. Kirkpatrick	G.E. Duce	Jul. 8, 1953	5	4	30	11	Fresh	D, S	Old well 18; red clay 33; quicksand 36; grey clay some fine gravel 57; grey clay coarse gravel 96.
Dawson Road Lots Con A lot 59	E. Ericson	G.E. Duce	Nov. 10, 1954	5						Red clay 31; red clay some boulders 38; hardpan boulders 47; quicksand grey granite 66. Abandoned. Quicksand loaded with water but impossible to develop.
Con B " 22	V. and B. Piskar	"	Sep. 14, 1954	5	1	30	26	Fresh	D	Red clay 30; green rock 86.
Con B " 78	Ont. Dept. Highways	"	Dec. 8, 1954	5	5	29	25	"	P	Old well 19; boulders gravel sand 30.
Unsurveyed Area	Ont. Dept. Lands/Forests	G.E. Duce	Jul. 20, 1953	6	5	9	9	Fresh		Old well 16; quicksand 25; fine gravel sand 35; fine gravel stones 37.
THESKAMING DIST. Armstrong Twp. Con I lot 3	A. Beaudry	Bradley Bros.	Nov. 10, 1953	1 1/2	5		Flows	Fresh	D	Blue clay 170; limestone 200.
Con I " 4	M. Kallier	Bradville Drill. Exploration Co.	Oct. 1, 1953	1 1/2	4	60	60	"	D, S	Previously drilled 235; hard white limestone 270.
Con III " 6	C. Gravel	R. LeFramboise	Jul. 3, 1953	3	3 1/2	40	22	"	D	Clay 80; hardpan 102; limestone 113.
Con IV " 6	X. Tanguay	"	Jul. 3, 1953	3	1	50	8	"	D, C	Clay 60; hardpan 92; limestone 95.
Con VI " 7	V.D. Dudgeon	"	Sep. 4, 1953	5	1 1/2	25	16	"	D, S	Gravel 3; limestone 43.
Brethour Twp. Con II lot 6	G. Belanger	J. Marcoux	Sep. 16, 1953	1 1/2			Flows	"	D, S	Quicksand 50.
Con II " 6	"	"	Nov. 18, 1953	1 1/2			Flows	"	S	Clay 160; sand 180; hardpan 190; gravel 200.
Bucke Twp. Con III lot 8	N. Oslund	N. Morissette	Jul. 11, 1953	2		140	5	Fresh	D	Old well 73; limestone slate 135.
Con V " 9	W. Pope	Diamond Drilling	Jun. 30, 1953	2						Grey clay pebbles 8; blackish-grey granite 72. Dry hole.
Casey Twp. Con I lot 4	F. LaPerriere	J. Marcoux	Jul. 26, 1953	1 1/2			Flows	Fresh	D, S	Black muck 2; blue clay 30; grey sand 80; gravel 90; clay 150; quicksand 270; gravel 280.
Coleman Twp. Con VI lot 10	P. McKnight	A. McKnight	Apr. 1, 1954	1 1/2	2	10	4	Fresh	D	Clay 5; rock 36.

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APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
TIMSKAVING DIST cont.										
Dack Twp. Con II Con V	H.Lamb J.Beresny	J.B.Longstreet " "	Nov.20,1953 Aug.18,1954	6 1/2 6	5 10	45 45	15 45	Fresh	D,S D,S	Black muck 3;red clay 15;blue clay 44;sandy clay gravel 47. Black muck 2;brown clay 12;blue clay 85;quicksand 126; limestone 147.
Con V	C.Carley	" "	Dec.18,1954	6	3	225	205	Fresh	D,S	Brown sand 105;blue clay 202;blue limestone 285.
Dymond Twp. Con III Con III Con III Con IV Con VI	L.C.Spencer C.Tailon R.Patoin T.Benoit School	T.E.Blain J.B.Longstreet J.Waroux T.E.Blain " "	Oct.10,1954 Jul.10,1953 Dec. 8,1954 Nov.20,1954 Nov.11,1954	1 1/2 6 1 1/2 1 1/2 1 1/2	2 10 5 10	44	Flows 41 Flows Flows Flows	Fresh " " " " " " " "	D D,S D,S D,S P	Layers' grey clay 225;gravel sand 235. Blue clay 190;quicksand 230;gravel 237. Black muck 7;blue clay 100;quicksand 200;gravel 291. Blue clay 245;quicksand 250;gravel 260;rock, Blue clay 220;quicksand 225;hardpan 227;coarse sand 232.
Eventurel Twp. Con III	S.Puhalski	J.B.Longstreet	Nov.20,1953	6 1/2	10	112	110	Fresh	D,S	Yellow clay 15;blue clay 90;sand stone 110;sandstone 205; sopsstone 250;limestone 252.
Con V	M.Joe	J.B.Longstreet	May 10,1954	6	20	46	25	Fresh	D,S	Black muck 4;brown clay 20;blue clay 209;limestone 237.
Con V	M.C.Allen	" "	May 28,1954	6	2	240	50	" "	D,S	Red clay 25;blue clay 140;sandstone 238;hard blue rock 247.
Con VI	J.McNeill	" "	Jan.20,1953	6	1	140	15	" "	D,S	Blue clay 150;sand 195;gravel 198;green rock.
Con V	M.Reville	J "	Oct.30,1953	6 1/2	5	170	160	" "	D,S	Brown clay 8;blue clay 200;sand 228;gravel 234.
Gillies Limit Twp. lot 4	Cobalt Chemicals	R.LaFramboise	Sep. 9,1954	3	3	16	6	Fresh	D	Blue clay 18;hardpan 23;coarse gravel 25.
Harley Twp. Con I Con II Con IV	School SS #1 C.Poirrier P.M.Fleming	R.LaFramboise J.B.Longstreet " "	Jul.26,1953 Jun.17,1954 Aug.26,1953	5 6 6	3 1/2 10 10	60 60 26	33 40 25	Fresh " " " "	P D C	Blue clay 60;hardpan 75;sand rock 100;limestone 139. Black muck 2;red clay 18;sandstone 72;limestone 164. Sand boulders 160;limestone 243.
Harris Twp. Con A Con I Con I Con IV Con VI	A.Moore P.Pettit K.and B.Vellie A.Gervais L.Julien	J.B.Longstreet " " " " " " J.Marcoux	Jul.10,1954 Jun.20,1953 Jun. 5,1953 Oct.21,1953 Nov.13,1953	6 6 6 5 1 1/2	10 10 8 10 4	32 48 48 152 60 5	24 45 45 150 55 1	Fresh " " " " Mineral Fresh	D,S D,S D,S D,S D,S	Sand boulders 20;limestone 104. White clay 1;blue clay 30;green limestone 133. Grey limestone 191. Yellow sand 2;limestone 164. Clay 200;quicksand 225;hardpan 235;gravel 240.
Hilliard Twp. Con I Con IV	R.LaFramboise P.Loranger	J.B.Longstreet R.LaFramboise	Mar. 3,1954 Dec. 1,1954	4 5	8 5	80 112	32 30	Mineral Fresh	D,S D,S	Red clay 10;blue clay 32;hardpan boulders 242;scapstone 290;limestone 299. Blue clay 120;hardpan boulders 150;soapy rock 240; limestone 250.
Hudson Twp. Con III Con VI	T.Greenwood O.Norow	J.B.Longstreet T.E.Blain	Jul.29,1953 Nov.20,1953	6 1 1/2	10 2	50	4 Flows	Fresh " "	D,S D,S	Blue clay 60;gravel 75. Clay 160;sand gravel hardpan 185.
Ingram Twp. Con III	School SS #1	R.LaFramboise	Sep. 8,1953	3	6	63	27	Fresh	P	Clay 157;gravel 165.
Kerns Twp. Con III Con III Con III Con III Con III Con III	M.Jebb " " " " " " " " " "	Bradley Bros. " " " " " " " " " "	Jul.27,1953 Jul.31,1953 Aug. 4,1953 Aug. 8,1953 Aug.12,1953 Aug.20,1953	3 1 1 2 2 1 1/2	1 1 1 1 1 1	80	8	Fresh	D,S	Blue clay 84;blue diabase 87. Dry hole. Blue clay 100;hardpan 110;rock. Dry hole. Blue clay 100;hardpan 110;rock. Dry hole. Blue clay 122;boulders hardpan 135;blue diabase 150. Dry hole. Blue clay 110;blue diabase 130. Dry hole. Old well 80;boulders hardpan 90.

TIMESKATING DIST. cont.

Kerns Twp.		Bradley Bros.		May 15, 1953		Fresh		D, S		Blue clay 205; limestone 207.	
Con IV	lot 1	O. Beaudry		1 1/2	5	Flows	"	D, S		Blue clay 235; limestone 249.	
Con IV	" 2	J. Hillcast		1 1/2	8	Flows	"	D, S		Blue clay 208; limestone 213.	
Con IV	" 3	C. Deauch		1 1/2	17	Flows	"	D, S		Blue clay 120; sand gravel 123.	
Con IV	" 4	A. Leach		1 1/2	17	Flows	"	D, S		Blue clay 236; limestone 260.	
Con V	" 4	G. Neil		1 1/2	8	Flows	"	D, S		Blue clay 215; limestone 222.	
Con VI	" 4	L. Chartrand		1 1/2	8	Flows	"	D, S		Clay 230; limestone 252.	
Con VI	" 4	E. Chartrand		1 1/2	8	"	"	D, S		Clay 241; limestone 313.	
Con VI	" 5	R. Courchiene		1 1/2	8	0	"	D		Clay 5; slate 30.	
Latchford		D. Wellar	A. McKnight	1 1/2	10	5	Fresh	D		Clay 110; diabase 120.	
Robillard Twp.										Clay 88; sand 110; gravel 115.	
Con IV	lot 3	S. Cain	Bradley Bros.	3	50	27	Fresh	D		White clay loam 10; blue clay 70; white fine sand 110;	
Con V	" 8	W. Gregory	"	3	5	60	"	D, S		coarse sand 121; gravel boulders 132.	
Con V	" 8	T. J. Demarell	T. J. Demarell	3	3	100	56	D, S		Clay 70.	
Savard Twp.										Blue clay 166; limestone 176.	
Con I	lot 11	L. Batt	Bradley Bros.	3	3	22	10	D			
Thornloe		R. Charland	Bradley Bros.	1 1/2	5	Flows		D, S			
VICTORIA COUNTY											
Bexley Twp.											
Con I	lot 1	G. Lytle	W. H. Baldwin	6	6	34	22	D		Dug well 18; hard grey limestone 48.	
Con III	" A	W. MacMillan	"	6	6	15	15	D		Brown clay boulders 8; grey limestone 37.	
Con III	" A	P. Lynch	"	5	5	8	4	D		Brown clay boulders 17; gravel 18.	
Con VII	" 7	T. Hearne	"	5	5	6	4	D		Brown clay boulders 10; grey limestone 21.	
Con VIII	" 13	C. Shields	"	5	5	14	14	D		Brown clay shale limestone 2; grey limestone 22.	
FIR NW/4	" 14	I. C. Seibert	G. Hart & Sons	5	5	18	4	D		Clay stones 3; limestone 18.	
GRS	" 15	D. W. McLeod	C. D. Weaver	5	5	38	8	D		Sandy brown loam 5; grey limestone 38.	
GRS	" 15	J. Peal	W. H. Baldwin	5	5	3	4	D		Brown clay boulders 20; boulders gravel 23.	
GRS	" 19	J. McLeod	G. Hart & Sons	5	5	1	9	D		Clay 30; limestone 35.	
GRS	" 20	L. W. Rice	"	5	5	6	21	D		Brown clay stones 19; limestone 31.	
GRS	" 22	L. Smith	W. H. Baldwin	5	5	6	3	D		Brown clay boulders 3; grey limestone 40.	
NW/4	" 1	H. M. Mains	"	5	5	16	8	D		Brown clay boulders 8; grey limestone 18.	
NW/4	" 1	J. F. Adams	"	5	5	28	9	D		Brown clay boulders 17; gravel 18.	
NW/4	" 2	A. Peacock	"	5	5	5	9	D		Brown clay shale 3 1/2; grey limestone 28.	
NW/4	" 5	G. Stephens	"	5	5	5	5	D		Shale limestone 3; grey limestone 28.	
NW/4	" 6	R. H. Jewell	"	5	5	5	5	D		Black loam 1; grey limestone 45.	
NW/4	" 8	J. Clark	C. D. Weaver	5	5	5	5	D		Brown earth 4; grey limestone 27.	
NW/4	" 14	G. Chirpaugh	"	5	5	5	5	D		Shaly limestone 6; grey limestone 27.	
NW/4	" 14	C. A. Morris	"	5	5	10	9	D		Brown clay boulders 7; grey limestone 29.	
PRN	" E	J. A. Laidlaw	W. H. Baldwin	5	5	5	5	D		Shale limestone 3; limestone 10.	
Bobcaygeon		L. R. Cooper	G. Hart & Sons	5	5	5	5	D		Limestone 44.	
Bobcaygeon		C. R. Beck	"	5	5	16	12	D		Clay boulders 24; limestone 32.	
Bobcaygeon		S. Higgins	"	5	5	9	9	D		Broken limestone 2; solid limestone 23.	
Bobcaygeon		A. J. McNaughton	"	5	5	12	12	D		Clay boulders 9; limestone 40.	
Bobcaygeon		G. Read	"	5	5	72	18	D		Clay broken limestone 9; solid limestone 72.	
Bobcaygeon		W. D. Thomas	"	5	5	11	9	D		Brown clay boulders 8; grey limestone 20.	
Carden Twp.										Brown clay boulders 9; grey limestone 29.	
Con III	lot 18	P. C. Chrysler	W. H. Baldwin	5	5	12	9	D		Brown clay boulders 13; grey limestone 4.	
Con III	" 18	J. McGlinch	"	5	5	38	42	D		Brown clay boulders 20; grey limestone 45.	
Con III	" 19	M. J. Donald	"	5	5	31	31	D		Brown clay boulders 20; grey limestone 35.	
Con III	" 19	C. Young	"	5	5	32	21	D		Brown clay boulders 18; grey limestone 46.	
Con III	" 19	J. Lawless	"	5	5	19	19	D			
Con IV	" 20	J. Hobson	"	5	5	1 1/2	1 1/2	D			

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
VICTORIA COUNTY-cont.										
Carden Twp.cont.										
Con VI	9 L.Fitzgerald	C.D.Weaver	Nov.15,1954	6	4	13	7	Fresh	D,S	Clay boulders 7;grey limestone 54.
lot	2 G.Abbot	W.H.Baldwin	Sep.15,1953	5	1	3	3	"	D	Brown clay 7;grey limestone 33.
Con VII	2 A.Lang		Sep.30,1953	5	1	8	8	"	D	Dug well 7;hard grey limestone 12.
Digby Twp.										
Con I	lot 23 F.Felstead	C.D.Weaver	Jul.10,1954	6	4	36	30	Fresh	D	Soil 6;limestone 58.
Con I	" 26 D.Young	W.H.Baldwin	Aug.23,1954	5	1	10	3	"	D	Brown clay boulders 3;grey limestone 21.
Eldon Twp.										
Con VII	lot 23 J.McGillivray	W.H.Baldwin	Dec.10,1953	6	1	17	10	Fresh	D	Brown clay shale 6;grey limestone 43.
Con X	" 2 C.Black	C.D.Weaver	Feb.22,1954	5	1	17	15	"	D,S	Brown clay boulders 15;grey limestone 27.
Con X	" 32 M.Hicks	W.H.Baldwin	Sep.30,1953	5	1	10	8	Sulphur	D,S	Brown clay boulders hardpan 35;grey limestone 47.
Con X	" 59 D.Carey	W.H.Baldwin	Sep.25,1954	5	1	9	7	Fresh	S	Brown clay shale 24;grey limestone 31.
Con XI	" 22 W.Wens	C.D.Weaver	Oct.19,1954	5	1	25	15	"	S	Clay boulders 14;grey limestone 27.
PRS	" 42 R.McKay	W.H.Baldwin	Oct.19,1954	5	1	75	51	"	D	Brown clay 20;clay quicksand 25;hard grey clay gravel 49.
Con XII	" 43 G.Gurner	C.D.Weaver	Aug.15,1954	5	1	75	51	"	D	Sand gravel 75.
Emily Twp.										
Con I	lot 12 School SS #9	N.N.Faulkner	Dec. 5,1953	6 1/2	7	53	40	Fresh	P	Dug well 40;sand clay 65;gravel 68.
Con II	" 20 J.L.Faulkner	"	Feb. 6,1953	6 1/2	17	60	30	"	D,S	Till 90;gravel 93.
Con III	" 4 R.Brooks	"	May 28,1954	6 1/2	17	15	15	"	D	Top soil 2;blue clay pebbles 30;gravel shale rock 36.
Con III	" 12 A.McQuade	W.Sanderson	Dec. 8,1954	6 1/2	8	70	40	"	D	Sandy top soil 2;brown clay stones 20;sand 40;blue clay 84;
Con III										
Con III	" 23 E.Chamberlain	W.Sanderson	Mar. 1,1954	6 1/2	18	34	29	"	D	gravel 85.
Con IV	" 15 H.Dick	"	Oct. 4,1954	6 1/2	6	40	23	"	D	Dark top soil 2;brown clay boulders 35;blue clay 44;coarse
Con IV	" 23 J.C.Williams	N.N.Faulkner	May 11,1954	6	4	10	8	"	D	gravel 46.
Con IV										
Con IV	" 23 I.Moore	"	Nov.26,1954	6 1/2	2 1/2	50	12	"	D	Top soil 2;brown clay 25;blue clay 56;gravel 57.
Con V	" 3 O.Lang	W.Sanderson	Sep.23,1953	6 1/2	12	40	22	"	D	Top soil 2;blue clay large stones 34;blue clay gravelly hardpan
Con VIII										
Con VIII	" 12 B.Campbell	N.N.Faulkner	Jul. 8,1954	6 1/2	10	31	30	"	D,S	Top soil 2;large stones clay 60.
Con VIII	" M.Iee	G.Hart & Sons	Feb.23,1953	6	1 1/2	29	17	"	D	Top soil 2;brown clay 35;blue clay 50;sandy gravel 53;coarse
Con VIII	" E.W. & J.Baker	"	May 15,1953	5	1 1/2	72	18	"	D	gravel 55.
Con VIII	" I.D.Lawrence	"	Apr.22,1954	5	1 1/2	10	10	"	D	Top soil 1;sandy clay stones 6;gravel 41.
Con VIII	" J.Armstrong	"	Apr.24,1954	5	1	70	8	"	D	Gravel 2;limestone 30.
Con VIII	" A.Birch	"	May 3,1954	5	1	70	8	"	D	Clay stone 30;limestone 42.
Con VIII										
Con VIII	lot 22 School SS #9	G.Hart & Sons	Jun.21,1954	5	1 1/2	66	42	Fresh	P	Brown top soil 2;light brown clay stones 14;limestone 72.
Con II	" 30 T.C.McMish	C.D.Weaver	May 15,1953	5	1 1/2	66	42	"	P	Top soil brown clay 6;limestone 70.
Con III	" 29 G.Elliott	W.H.Baldwin	Oct.25,1954	5	1 1/2	6	5	"	D	Top soil 3;grey clay stone 21;fine stone 25 1/2.
Con III	" 30 G.Erwin	C.D.Weaver	Jun.20,1954	5	1 1/2	11	5	"	D	Soil boulders 10;limestone 66.
Con IV	" 24 R.G.Burnett	G.Hart & Sons	Sep.15,1953	5	1 1/2	33	4	Fresh	D,C	Brown clay 23;boulders gravel 25.
Con V	" 6 R.Inglis	"	Apr.23,1953	5	1 1/2	33	4	"	D	Boulders soil 5;limestone 34.
Con VIII	" 4 W.Heathcock	"	Jul.21,1954	5	1 1/2	16 1/2	12	"	D	Previously drilled 5;limestone 66. Dry Hole.
Con VIII	" 8 D.M.Thompson	"	May 28,1954	5	1 1/2	16 1/2	12	"	D	Brown clay stone 6;limestone 35.
Con VIII	" 9 F.Norton	"	Jul.24,1954	5	1 1/2	11	10	"	D	Brown clay sand 24.
Con VIII	" 26 F.M.Perrin	"	Oct.22,1954	5	1 1/2	11	10	"	D	Soil 6;limestone 17.
Con VIII	" 28 I.E.Epps	"	Jun.13,1953	5	1 1/2	30	3	"	D	Clay stone 14;limestone 16 1/2.
Con VIII	" 28 M.Pearce	N.I.Pearce	Nov.21,1953	5	1 1/2	30	3	"	D	Clay 30;gravel 32.
Con VIII	" 31 M.Furdal	G.Hart & Sons	Aug.16,1953	5	1 1/2	30	2	"	D	Clay stones 10;limestone 11.
Con VIII	" 31 G.Hart	"	Jan.15,1954	5	1 1/2	30	2	"	C	Brown clay gravel 10;brownish shaly limestone 35.
Con VIII	" 31 B.Bennett	"	Aug.20,1954	5	1 1/2	30	2	"	D	Clay stones 3;limestone 25.
Con VIII	" 31	"	"	5	1 1/2	30	0	"	D	Clay stone 5;limestone 12 1/2.
Con VIII	" 31	"	"	5	1 1/2	30	10 1/2	"	D	Clay stone 20.

VICTORIA COUNTY cont.

Penelon Twp. cont.										
Con VIII	lot 31	B. Bennett	G. Hart & Sons	Sep. 11, 1954	5	1 1/2	8 1/2	Fresh	D	Clay stone 19 1/2.
Con VIII	"	"	"	Sep. 29, 1953	5	1 1/2	12	"	D	Clay limestone 15.
Con VIII	"	"	"	May 15, 1954	5	40 1/2	30 1/2	"	D	Clay stone 19.
Con IX	"	A.J. Bonathan	"	May 15, 1954	5	44	44	"	D	Clay stone gravel 16; limestone 40 1/2.
Con IX	"	B. Ainslie	"	Aug. 10, 1954	5	44	44	"	D	Clay stone 8; limestone 32.
Con IX	"	C. Gardiner	"	Dec. 28, 1954	6	3	3	"	S	Brown clay 3; grey limestone 122.
Con IX	"	F.W. Crossley	"	Jun. 17, 1954	5	6 1/2	25	"	D	Clay stone 7; limestone 25.
Con X	"	B. Dunford	N.N. Faulkner	Jun. 30, 1954	5	2	12	Slightly Sulphur	D, S	Top soil 1; brown clay 4; grey limestone 30.
Con X	"	Castle/Duffield	G. Hart & Sons	Aug. 18, 1954	5	1 1/2	1	"	P	Shale rock 12; grey limestone 25.
Con X	"	Doyle Bros.	"	May 18, 1954	5	25	4	Fresh	D	Shale rock 2; limestone 28. Dry hole.
Con X	"	J. Arnold	"	May 24, 1954	5	1 1/2	2	Sulphur	D	Shale rock 2; limestone 25.
Con XI	"	J. Lewis	"	May 10, 1954	5	1	5	Fresh	D	Clay 2; limestone 14.
Con XI	"	O. Read	"	Jul. 4, 1953	5	35	35	"	D	Gravel 8; clay stone 15 1/2.
Laxton Twp.										
Con V	lot 8	J. Barker	W.H. Baldwin	Aug. 30, 1954	5	1	40	Fresh	D, C	Brown clay boulders 1 1/2; grey limestone 40; freestone 53; granite 55
Con V	"	C. McDonald	"	Aug. 18, 1954	5	1	12	"	D	Shale limestone 3; grey limestone 45
Con VI	"	G. Putrus	"	May 20, 1954	5	1 1/2	10	"	D	Brown clay shale 3; soft brown rock 39; black granite 42.
Con XI	"	F. Murphy	G. Hart & Sons	Jun. 14, 1954	5	1 1/2	20 1/2	"	D	Clay stone 4; gravel 100
Con XI	"	J. Northey	"	Aug. 3, 1954	5	3	16 1/2	"	D	Clay stone 8; granite 20 1/2.
Con XI	"	J. Bartley	M. Brohm	Jul. 15, 1953	5	3	3	"	D	Blue and grey clay 2 1/2; greyish blue quicksand boulders 29.
Con XI	"	"	"	Jul. 18, 1953	5	2	2	"	"	Abandoned because of quicksand.
Con XI	"	"	"	Jul. 22, 1953	5	2	2	"	"	Fill 4; grey and blue clay 6; blue and grey quicksand boulders 19. Abandoned.
Con XI	"	"	"	Jul. 25, 1953	5	2	2	"	"	Fill 4; grey and blue clay 6; blue and grey quicksand boulders 19. Abandoned.
Mariposa Twp.										
Con IV	lot 8	V. Staacy	G. Hart & Sons	Apr. 1, 1954	5	1	14	Fresh	D	Brown clay stones 43.
Con V	"	L. Overton	"	Mar. 28, 1953	5	8	10	"	D	Brown clay 10; limestone 19.
Con V	"	R. Cassey	"	Mar. 17, 1954	5	1 1/2	9	"	D	Clay stone 13; limestone 18 1/2.
Con V	"	A. Reid	"	Mar. 19, 1954	5	7	4	"	D	Clay stone 8; limestone 17.
Con V	"	G. Greenway	"	Oct. 6, 1953	5	1	47	"	D	Clay stones 17; limestone 47.
Con VII	"	M. Walton	"	Apr. 12, 1954	5	1	40	"	D	Clay stone 15; sand gravel 30.
Con VIII	"	A.N. Huston	C.D. Weaver	Feb. 4, 1954	5	3	40	"	D	Old well 40; grey quicksand boulders 60; grey limestone 114;
Con VIII	"	J. Thorndike	G. Hart & Sons	Nov. 9, 1953	5	1	35	"	S	gravel 115; grey limestone 116.
Con IX	"	Regent Refining Ltd.	N.N. Faulkner	May 19, 1953	8	20	15	Slightly Sulphur	C	Clay stone 30; limestone 66.
Con IX	"	P.M. McCorvie	C.D. Weaver	Aug. 30, 1953	5	2 1/2	27	"	D	Fill 3; brown soil 8; grey limestone 97.
Con XIII	"	H.A. Flett	G. Hart & Sons	Nov. 30, 1954	5	6 1/2	20	Fresh	D	Brown clay 2; clay gravel 22; grey limestone 130. Dry hole.
Onemee	"	P. Edwards	N.N. Faulkner	Jan. 21, 1953	6 1/2	13	5	"	C	Clay 53; gravel 55.
Onemee	"	Christ Church	"	Apr. 14, 1953	6 1/2	3	Flows	"	D	Fill 15; clay 45; gravel 46.
Onemee	"	M. Gallagher	F.C. Gallagher	Aug. 21, 1953	6 1/2	30	15	"	D	Grey clay 12; blue clay 16.
Onemee	"	H. McQuade	W. Sanderson	Sep. 12, 1953	6	30	15	"	D	Old well 18; blue clay 57; gravel 58.
Onemee	"	J. White	"	Sep. 15, 1953	6	20	20	"	D	Old well 8; blue clay 56; gravel 57.
Onemee	"	W. McQuade	"	Dec. 1, 1953	6	18	27	"	D	Old well 10; blue clay 63; gravel 63.
Onemee	"	W. Downing	"	Dec. 3, 1953	6	17	12	"	D	Old well 18; blue clay 55; gravel 60.
Onemee	"	A. Jamieson	"	Mar. 5, 1954	6	30	25	"	D	Dark top soil 2; blue clay boulders 20; sticky blue clay 56;
Onemee	"	H. Hill	N.N. Faulkner	Jun. 1, 1954	6	17	43	"	D	coarse gravel 58.
Onemee	"	P. Latchford	W. Sanderson	Jun. 24, 1954	6	80	20	"	D	Top soil 2; blue clay 57; coarse gravel 58.
Onemee	"	L. Parsons	"	Jul. 27, 1954	6 1/2	36	18	"	D	Old well 21; blue clay 31; gravel 32.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
VICTORIA COUNTY-cont.										
Ops Twp., lot 22	N. Nugent	W. Sanderson	Jul. 26, 1954	6 1/2	6	30	13	Fresh	D	Top soil 2; brown clay stones 20; blue clay 36; hard limestone 49.
Con I, lot 22	E. Owen	H. Hart & Son	Sep. 2, 1954	5 1/2	8	22	32	"	D	Old well 14; grey limestone 34.
Con III, lot 20	Bagshaw Lumber	N.N. Faulkner	Nov. 12, 1953	6 1/2	5	50	20	"	In	Fill 30; limestone 62.
Con III, lot 21	W.C. Outram	"	Jul. 28, 1953	6 1/2	3 1/2	60	42	"	D	Fill 30; limestone 100.
Con IV, lot 22	M. Moynis	"	Jun. 18, 1954	6 1/2	3	57	42	"	D	Top soil 2; brown clay 15; grey clay 29; grey limestone 62.
Con IV, lot 23	E.T. Haist	"	Oct. 3, 1953	6 1/2	3	50	10	"	D	Fill 35; limestone 7 1/2.
Con IV, lot 23	C.M. Sleep	"	Nov. 3, 1953	6 1/2	1 1/2	20	10	"	D	Fill 35; gravel 40.
Con IV, lot 29	S. Moore	"	Jan. 25, 1954	6 1/2	2 1/2	20	10	"	D, S	Top soil 15; limestone 83.
Con V, lot 16	J. McIntosh	C.D. Weaver	May 15, 1953	6 1/2	2 1/2	12	12	"	D	Brown and grey clay hardpan 12; grey limestone 52.
Con V, lot 16	J. Bakins	"	May 20, 1953	6 1/2	2 1/2	6	6	"	D	Hardpan grey clay 8; grey limestone 48.
Con V, lot 16	L. Robertson	N.N. Faulkner	Oct. 15, 1953	6 1/2	17	50	33	"	D	Top soil 2; brown clay stones 11; grey clay 100; sand gravel 114.
Con V, lot 18	A. Robertson	"	Sep. 7, 1954	6 1/2	16	60	40	"	D, S	Top soil 2; grey clay stones 11; limestone 76.
Con VII, lot 25	L. Wright	W. Sanderson	May 13, 1954	6 1/2	12	30	3	"	D	Top soil 2; blue clay stones 30; blue clay 44; gravel 46.
Con VIII, lot 21	School SS #2	N.N. Faulkner	May 7, 1954	6	12	25	3	"	D	Top soil 2; brown clay small stones 30; shale rock small stones 34; blue limestone 43.
Con VII, lot 27	E. Smith	"	Jun. 26, 1954	6 1/2	3	38	10	"	D	Top soil 1; brown clay boulders 12; grey limestone 43.
Somersville Twp.										
Con III, lot 3	F. Telford	C.D. Weaver	Oct. 1, 1954	6	5	11	9	Fresh	S	Blue clay boulders 9; limestone 74.
Con III, lot 16	H. Cavan	G. Hart & Sons	Jan. 26, 1954	5	1	21	21	"	S	Clay stone 16; limestone 28.
Con III, lot 22	C. Butler	"	Jan. 13, 1953	5	1	18	18	Fresh	D	Dug well 14; limestone 64. Dry hole.
Con III, lot 22	"	"	Jan. 22, 1953	5	8	18	18	"	S	Clay stone 11; limestone 42.
Con IV, lot 14	G. Huger	C.D. Weaver	Mar. 15, 1954	6	2	6	6	"	D	Cellar of house 6; grey limestone 45.
Con VI, lot 19	H.R. Dales	"	Aug. 19, 1953	3	2	6	6	"	D	Limestone 27.
Con VI, lot 20	G. Thompson	G. Hart & Sons	Jun. 26, 1953	5	1	6	3	"	D	Limestone 15.
Con VI, lot 20	Dr. B. Beaton	C.D. Weaver	Aug. 28, 1953	5	2	6	6	"	D	Shaly limestone 5; limestone 30.
Con IX, lot 11	Ont. Dept. Lands & Forests	G. Hart & Sons	Oct. 10, 1953	6	1 1/2	48	48	"	D	Sand 8; granite 62.
Con XI, lot 4	C.G. Benson	"	May 27, 1953	5	1 1/2	12	12	"	D	Clay stone 12; granite 25.
FR, lot 15	T. Rodger	"	Jul. 28, 1953	5	1 1/2	4 1/2	4 1/2	"	D	Sand 2; clay stone 10; limestone 13 1/2.
FR, lot 38	S. Weaver	C.D. Weaver	Mar. 30, 1953	5	2	48	48	"	D	Grey limestone 45; gravel 50; grey limestone 66.
FR, lot 38	D. Fovey	G. Hart & Sons	Jul. 15, 1954	5	2 1/2	17	17	"	D	Brown clay stone 27; limestone 46.
FR, lot 65	L. Fielder	"	Oct. 14, 1954	5	2 1/2	37	7	"	D	Clay stones 8; granite 37.
Verulam Twp.										
Con I, lot 23	O. Eason	G. Hart & Sons	Feb. 27, 1953	6	8	12	12	Fresh	D	Previously drilled 14; limestone 23.
Con I, lot 23	W.J. Perryman	"	Mar. 12, 1954	5	10	9	9	"	D	Clay stone 16; limestone 27 1/2.
Con II, lot 13	N. White	"	Nov. 23, 1953	5	1	28	28	"	D	Clay stone 18; limestone 37.
Con II, lot 13	C. Thompson	N.N. Faulkner	Nov. 23, 1953	5	10	21	21	"	D	Top soil 1; brown sandy clay boulders 16; gravel 26.
Con II, lot 13	E. Wright	"	May 18, 1954	6 1/2	5	23	22	"	D	Top soil 1; brown sandy clay boulders 15; gravel 26.
Con II, lot 13	W. Ristatin	"	May 24, 1954	6 1/2	5	22	21	"	D	Top soil 1; brown sandy clay boulders 15; gravel 25.
Con II, lot 13	E. Bisson	"	May 24, 1954	6 1/2	5	21	20	"	D	Top soil 1; brown sandy clay boulders 15; gravel 23.
Con II, lot 13	S. Collins	"	May 26, 1954	6 1/2	5	21	20	"	D	Top soil 1; brown sandy clay boulders 15; gravel 24.
Con II, lot 13	J.W. West	"	May 29, 1954	6 1/2	5	23	22	"	D	Top soil 1; brown sandy clay boulders 15; gravel 26.
Con II, lot 13	A.C. Tyler	"	Jun. 1, 1954	6 1/2	5	20	19	"	D	Top soil 1; brown sandy clay boulders 15; gravel 23.
Con II, lot 21	School SS# 13	G. Hart & Sons	Apr. 20, 1953	4	1 1/2	9	9	Sulphur	F	Sand gravel 28; limestone 32.
Con II, lot 30	A. Goodhard	"	Jan. 20, 1954	5	5	40	18	Fresh	D, S	Old well 25; limestone 85.
Con III, lot 4	R. Norton	"	Nov. 26, 1953	5	2	16	14	"	D	Previously drilled 10; limestone 20.
Con III, lot 11	E. Kennedy	N.N. Faulkner	Jan. 18, 1954	6 1/2	3	51	53	"	D	Top soil 2; dark clay 4; grey limestone 56.
Con IV, lot 5	E. White	G. Hart & Sons	Dec. 5, 1953	5	2 1/2	23	23	"	D, S	Clay stones 18; limestone 60.
Con VII, lot 17	G.M. Lee	"	Sep. 11, 1953	6	5	23	23	"	D, S	Brown clay boulders 29; grey limestone.

VICTORIA COUNTY cont.

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1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY cont. North Dumfries Twp. GRES ConVII lot 1	Lockie Bros.	J. Sauder	Sep. 24, 1953	5	17	135	135	Fresh	D, S	Top soil 2; yellow clay stones 25; soft blue clay stones 55; red clay 60; medium hardpan 88; stones 90; hardpan 98; limestone 99; gravel stones 148; hardpan 187; sandy clay 192; hardpan 212; solid sandstone 225; red shale 228; limestone 269; rock 270. Dark soil 3; clay stones 21; hardpan clay gravel 45; sand 60; fine gravel 66. Clay boulders 10; sandy clay boulders 16; gravel sand 117; fine gravel 123; rock 148.
GRES Con IX " 1	K. Watola	L. Purdy	May 22, 1954	5	18	22	22	"	D	Top soil 2; yellow clay boulders 33; sand 54; gravel 65. 120;
GRES Con X " 1	C. Houseworth	H. A. Kerr	Sep. 2, 1953	4	15	90	68	"	D, S	Brown clay boulders 30; fine yellow sand 70; blue clay 120;
GRES Con X " 1	Martin/Stevens	J. Janzen	Jul. 28, 1954	6 1/2	10	50	50	"	D	Clay quicksand 220; blue limestone 235.
GRWS Con VII " 3	C. E. Knowles	A. Kerber	Jun. 9, 1954	4 1/2	6	170	170	"	D	Top soil 2; yellow sand gravel 12; clay heavy boulders 50; limestone 56; very hard limestone 70; medium hard limestone 85. Gravel stone 41; limestone 70.
GRWS Con IX " 3	H. Wright	"	Dec. 23, 1953	4 1/2	4	60	30	"	D	
Preston	Preston Pub. Utilities Power Comm.	I. Lounsbury	Oct. 6, 1953	8	6	60	20	Fresh	P	
Waterloo	G. Raymond	E. McLaughlin/Son	Jun. 18, 1953	6	35	44	40	Fresh	C	Black loam top soil 2; quicksand 8; blue clay 36; grey clay gravel stones 58; clay and gravel mixed 73; hardpan gravel some clay 95; running dirty sand gravel 97; hardpan gravel some clay 115; very solid hardpan gravel 126; hardpan gravel some clay 131; brown shale rock 138.
Waterloo	Sunshine Waterloo Co.	E. McLaughlin/Son	Jul. 3, 1954	7	50	40	21	Fresh	In	Top soil 1; hardpan 3; clay 10; quicksand 13; clay 28; quicksand 34; clay 66; hardpan 124; boulders clay 129; hardpan 161; hard limestone 170; soft limestone 175; hard limestone 182.
Waterloo Twp., lot 2	A. Smith Red Lion Inn	J. Janzen E. McLaughlin/Son	Nov. 25, 1954 Aug. 1, 1953	6 1/2	7 20	30 56	30 42	Fresh "	D P	Top soil 2; sand gravel 11; blue clay 50; gravel 59. Dug well 10; clay gravel 27; grey clay 4; clay gravel 50; gravel little clay 55; hardpan gravel little clay 86; gravel little sand 71.
BUT	L. Cluthe A. Jefeever	J. Sauder	May 1, 1954 Nov. 26, 1954	7 7	25 20	42 8	30 Flows	" Slightly Sulphur	P D	Dug well 27; clay gravel 34; clay 56; hardpan 68; gravel 70. Top soil 3; tunnel 7; blue clay stones 29; gravel 30.
BUT	J. B. Wilfong V. McClelland	"	Nov. 29, 1954 Dec. 13, 1954	5 5	3 12 1/2	80 60	Flows	Fresh	D	Top soil 2; blue clay stones 72; gravel 74.
BEP lot 8	J. Willoy	A. Kerber	Sep. 27, 1954	4 1/2	6	70	70	"	D	Top soil 2; yellow sand 8; brown clay gravel 22; blue clay stones 94; yellow sand some clay 108; sand 112.
BEP " 9	School	J. L. Graham	Jul. 3, 1953	6 1/2	10	81	76	"	P	Top soil 3; gravel stones 6; hardpan boulders 78; gravel coarse sand 95.
BEP " 10	H. Hessaenaur	"	May 3, 1954	5	6	85	81	"	D	Clay stones 10; clay 50; clay gravel 95; sand 100; coarse gravel 106 1/2.
BEP " 10	A. J. Dewdney	"	Nov. 17, 1954	5	5	92	87	"	D	Sand 12; sandy clay 21; gravel 24; sand some clay 33; blue clay 56; sand gravel 63; clay hardpan 71; sand gravel 80; clay stones 103; clay fine stone 119; sand 131; gravel 136.
BEP " 14	H. B. Taylor P. Steep	E. McLaughlin/Son A. Kerber	Jun. 5, 1954 Jun. 19, 1954	7 5 1/2	20 10	35 45	9 45	" "	D D	Sand stones 40; brown clay 77; sand 83; clay 123; sand clay 129; gravel 145.
BEP " 14	E. Welland	E. McLaughlin/Son	Dec. 15, 1954	5 1/2	20	66	60	Fresh	D	Top soil 8; quicksand 34; coarse sand 38; gravel 42.
BEP " 18	J. Bauer	H. A. Kerr	Dec. 17, 1953	4	15	125	106	"	D, S	Sand gravel heavy boulders 30; hardpan 95; limestone 110. Top soil 1; clay 6; gravel 18; hardpan 35; clay 61; hardpan 90; gravel hardpan 91; stony clay 74; sand streaks stony clay 92; till 136; coarse sand 139; rock 235.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA. METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY cont. Waterloo Twp. lot 47 BUB	W. Ruddack	J. Sauder	Jun. 1, 1953	5 1/2	13		105	Fresh	D	Top soil 2; brown clay stones 10; blue clay 70; blue clay sand 76; quicksand 86; sandy clay 112; blue clay 120; quicksand 125; blue clay 175; fine sand 178; hardpan 296; rock 302.
BUB	R. Taylor	E. McLaughlin/Son	Jan. 23, 1953	6 1/2	25	80	60	"	D, S	Red clay 6; loose sand gravel 10; sand little gravel 28; quicksand little gravel 34; sand 65; loose and moist fine gravel 75; fine sand fine gravel 95; fine running sand 105; fine sand 109; medium sand gravel 116; clay sand 118.
BUB	R. Gronin	J. Sauder	Mar. 12, 1953	4	15		65	Sulphur	D	Blue clay stones 30; gravel clay 32; sand some clay 48; blue clay 65; hardpan 104; blue clay some sand 140; hardpan 170; blue clay 204; shale 220; rock 289.
BUB	G. Hamacher	E. McLaughlin/Son	Sep. 7, 1954	5 1/2	15	20	18	Fresh	D	Top soil 1; clay 6; sand 24; quicksand 25; clay gravel 37; coarse sand 44.
BUB	Centreville High School	"	May 23, 1953	7	25	38	20	"	P	Fill 5; top soil clay hardpan 20; sand few boulders gravel 35; coarse sand fine gravel 40.
BUB	Smith Transport Ltd	Twin City Water Supply	Jun. 4, 1953	4	10	75	70	"	P	Quicksand 80; clay 220; sand 238; limestone 247.
BUB	H. D. Zimmer	E. McLaughlin/Son	Jun. 2, 1954	4	5	57	48	"	D	Dug well 26; sand 42; coarse sand 55; fine sand 59.
BUB	M. Steffler	"	Jul. 19, 1954	5 1/2	15	32	5	"	D	Top soil 1; clay 4; sand quicksand 16; sand 30; sand gravel 40; quicksand 42.
BUB	E. Begerrol	J. Sauder	Dec. 11, 1954	5	25	38	20	Fresh	D	Sand 23; quicksand 35; clay stones 170. Dry hole.
BUB	H. Thaler	E. McLaughlin/Son	Apr. 22, 1954	5	2	20	20	"	D	Top soil 1; sand 6; gravel 17; sand 22; quicksand 42; fine sand 59.
BUB	B. Reociaha	A. Kerber	Jul. 28, 1954	4 1/2	13	81	71	Sulphur	D, S	Old well 18; quicksand 28; coarse sand 42.
BUB	House of Refuge	J. Sauder	Jul. 18, 1953	5						Top soil 1; hardpan 14; yellow clay stone 30; sandy clay 50; blue clay sand 105; blue clay sand some stones 190; cemented sand 226; hard white rock 285.
BUB	N. Dayell	E. McLaughlin/Son	Mar. 8, 1954	7	120	Flows	Flows	Mineral	P	Blue clay 87; hardpan 204; brown limestone 215; white limestone 218.
BUB	R. Bean	J. Sauder	Oct. 26, 1954	5	15	84	84	Fresh	D	Dug well 25; yellow sand 50; blue clay 80; hardpan 95; sand clay 105; hardpan clay 145; cemented gravel 182; brown clay sand 194; hard blue rock 220.
BUB	E. Constant	O. Hill	May 29, 1953	4	10	20	20	"	In	Sand 20; gravel 60; sand 85; limestone 130.
BUB	N. Bennett	"	Jun. 22, 1954	4	8	100	55	"	D, S	Top soil fill 3; hardpan large boulders 131; shale rock 193; hard brown rock 220; light grey limestone 226.
BUB	P. W. Wagner	"	Feb. 5, 1954	4	10	35	35	"	D, S	Dug well 30; hardpan 100; coarse gravel 114; limestone 150; grey slate 174.
BUB	E. Dude	J. Sauder	Dec. 24, 1954	5	5	16	16	"	D	Top soil 2; gravel clay 8; blue clay 18; sand gravel 21.
BUB	P. Schnieder	E. McLaughlin/Son	Jul. 24, 1954	5 1/2	15	160	150	"	D	Top soil 1; hardpan 6; sand 30; quicksand 36; sand 65; clay gravel 87; quicksand 90; clay gravel 124; hardpan 212; gravel 213.
BUB	School SS #29B	J. L. Graham	May 1, 1954	5	8	57	52	Slightly Sulphur	P	Top soil 2; gravel 35; sandy clay 130; gravel 140; clay gravel 148; blue rock 152.
BUB	H. Christman	J. Sauder	Jul. 3, 1954	5	13	85	85	"	D	Brown sand clay 4; stones clay 8; fine quicksand 90; red clay 120; red clay sand 160; blue rock 197; slate 200.
BUB	E. G. Snyder	J. L. Graham	Jun. 22, 1953	10	300	43	23	"	In	Sand 15; gravel 17; clay stones sand 84; white limestone 90; brown rock 121; grey rock 226.
BT	K. Gmack	E. McLaughlin/Son	May 19, 1954	7	25	90	47	"	D	Coarse sand 20; sand gravel small boulders 35; hardpan 47; blue clay 90; hardpan 145; gravel hardpan 164.
HT	School SS #7	H. A. Kerr	Aug. 19, 1954	6	15	6	3 1/2	"	P	Sand 19; soft blue clay 45; stony blue clay 59; sand 65; clay 75; fine gravel 81.
Wellesley Twp. ES Con I lot 13 ES Con I " 13	E. Schmel J. H. Finn	H. A. Kerr C. L. Davidson	Jun. 14, 1954 Nov. 1, 1954	4 4	15 12	8 14	4 10	Fresh	D D	Sandy clay 27; sand 197; rock 256. Clay 3; sand 5; clay 100; sand 161; sand gravel 198; sand 208; blue limestone 230.

WATERLOO COUNTY cont.

Wellesley Twp cont.				May 31, 1954		15		25		15		Fresh		D, S			
ES	Con	X	lot	N. Martin		4		15		47		"		D, S		Soft blue clay 75; blue clay 20; shale rock 226; solid soapstone 250.	
ES	Con	XI	"	2	G. Hoffner	4	15	15	49	15	15	"	"	D, S	S	Dug well 37; hardpan 81; stones sand 110; gravel 114.	
ES	Con	XIV	"	3	A. Weber	4	17	15	15	15	15	"	"	D, S	S	Fill 5; hardpan 30; blue clay 70; hardpan 76; brown clay 90; soft red clay 100; coarse sand clay 102; red clay sand 111; hardpan 120; brown clay sand 128; sand 138.	
WS	Con	II	"	3	O. Jacobs	5 1/2	15	120	52	52	52	"	"	D	D	Top soil 3; clay 32; hardpan 38; coarse gravel 42; hardpan 123; gravel sand 128.	
WS	Con	II	"	11	Maple View Church	4	15	90	80	80	80	"	"	P	P	Coarse sand 50; hardpan 35; rock 359.	
WS	Con	III	"	3	D. Erb	7	15	80	74	74	74	"	"	D, C	D, C	Top soil 1; sand gravel 18; clay 63; hardpan 90; gravel 92.	
WS	Con	IV	"	1	N. Schultz	4	10	56	56	56	56	"	"	D, S	D, S	Clay sand gravel 60; sand gravel 94; clay sand 147; clay 169; soft shale 174; soft limestone 181.	
WS	Con	IV	"	3	A. Jutzi	5 1/2	15	120	38	38	38	"	"	D	D	Top soil 3; clay 20; quicksand 28; clay 42; quicksand 48; clay 60; quicksand 55; clay 90; hardpan 124; gravel sand 130.	
WS	Con	V	"	6	E. Ropp	4	15	60	40	40	40	"	"	D, S	D, S	Dug well 33; hardpan 40; clay 52; hardpan 93; large boulders clay 121; clay 122; stony clay 142; sand 161; clay 180; stony clay 207; rock 236.	
WS	Con	VI	"	3	R. Snyder	4	10	56	56	56	56	"	"	D, S	D, S	Clay 25; sand 66; clay sand 179; red clay 207; shale clay 218; brown limestone 230.	
WS	Con	VII	"	8	L. Bigam	6 1/2	35	100	65	65	65	"	"	D, S	D, S	Red clay 26; quicksand 38; hardpan 72; blue clay 110; hardpan 260; fine sand 275; coarse sand 280; fine gravel 283; fine sand 315; red clay 320; limestone 333.	
WS	Con	XI	"	1	M. Kipfer	4	13	68	68	68	68	"	"	D, S	D, S	Open well 17; blue clay 54; sandy blue clay 66; hardpan stone 84; blue clay sand 133; red clay some sand 180; soft blue shale 256; rock 258.	
WS	Con	XI	"	5	W. Hahan	4	10	100	90	90	90	"	"	D, S	D, S	Clay 6; hardpan 54; sand 90; gravel sand 102; hardpan 150; red clay 158; hardpan 185; shale 205; soft bluish-brown rock 284.	
WS	Con	XIV	"	21	I. Martin	4	15	70	67	67	67	"	"	D, S	D, S	Clay 35; boulders clay 98; sand 118; gravel clay 178; shale 184; blue rock 211.	
Wilmot Twp.	BRN		lot 1	W. Snyder	Mar. 26, 1953	4	15	180	160	160	160	Fresh		D, S	D, S	Clay sand 69; sand 75; clay sand streaks 85; fine gravel 87; sand 108; fine gravel 110; sand 118; coarse sand 203; hardpan 232; sand 252; hardpan 283; sand 303; rock 321.	
BRN			"	R. Seibert	Apr. 14, 1954	4	15	40	26	26	26	"		D, S	D, S	Clay 22; boulder 24; clay 54; sand 190; clay 197; shale 231.	
BRN			"	O. Danner	Sep. 16, 1954	4	15	90	70	70	70	"		D, S	D, S	Fill 6; blue clay 90; boulders clay 170; limestone 181.	
Block A ConII	"	"	"	E. Shantz	Nov. 15, 1954	4	15	20	5	5	5	"		D, S	D, S	Clay 24; hardpan 104; clay 152; sand 169; brown limestone 216.	
Block A ConII	"	"	"	E. Cressman	Jan. 30, 1953	4	15	138	116	116	116	"		D, S	D, S	Clay 24; hardpan 28; sand 125; clay 143; stony clay 178; sand 199; shale 218; rock 251.	
Block A ConIV	"	"	"	H. Poth	Oct. 23, 1953	4	15	90	74	74	74	"		D, S	D, S	Clay 18; sand 20; clay 56; marl 57; sand 138; hardpan 183; sand 219; sand gravel streaks 265.	
Block A ConIV	"	"	"	G. Hess	Apr. 2, 1954	4	17	30	30	30	30	"		D	D	Top soil 2; red-brown clay 17; blue clay 78; gravel clay 80; soft blue clay some sand 100; sandy clay 140; hardpan layers of sand 150; cemented sand 184; red clay some sand 208; sand clay seems 230; sandy blue shale 255; limestone 263.	
Block A ConIV	"	"	"	A. Bender	Aug. 13, 1954	4	5	35	33	33	33	"		D, S	D, S	Old well 52; hardpan 65; clay stones 80; clay 100; very stony clay 133; limestone 157.	
Block B ConIII	"	"	"	S. Schneider	Feb. 22, 1954	4	10	36	36	36	36	"		D, S	D, S	Clay 40; till 100; sand 107; till 151; shale 162; hard grey rock 185	
Block B ConIV	"	"	"	E. Paff	May 5, 1954	4	35	Flows	Flows	Flows	Flows	"		D, S	D, S	Gravel; sand 14; clay 38; clay sand 105; sand 130; clay sand 144; shale 172; limestone 194.	
ERS	"	"	"	Mennonite Church	Jun. 24, 1953	4	8	130	130	130	130	"		D, S	D, S	Shale 172; limestone 194.	
SRN	"	"	"	W. E. Potwarka	May 10, 1954	4 1/2	20	100	100	100	100	"		D	D	Shale 172; limestone 194.	
SRS	"	"	"	Twin City Water Supply	Jul. 9, 1953	4	15	120	104	104	104	Mineral		S	S	Shale 172; limestone 194.	
				H. A. Kerr	Jul. 9, 1953	4	15	120	104	104	104	Mineral		S	S	Dug well 21; coarse sand 100; blue clay 106; fine sand 126; coarse sand gravel 169.	
				Tender Flesh Turkey Co.	Jul. 9, 1953	4	15	120	104	104	104	Mineral		S	S	Clay 14; sand 133; clay 179; marl 180; clay 200; stony clay 213; shale 252; rock 247.	

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WATERLOO COUNTY cont. Wilmot Twp. cont. SES lot 11	Central Ont T.V. Co.	A. Kerber	Mar. 31, 1954	4½	6	254	254	Fresh	C	Gravel 30;sand 220;fine sand 280;coarse sand 304.
Woolwich Twp. CTER BF lot 8	H. Ritter	E. McLaughlin/Son	May 17, 1954	7	20	40	16	Fresh	D	Top soil 1;coarse gravel 18;clay gravel 32;hardpan 55;hardpan layers of gravel 60. Till 55;sand 60;till 114;gravel sand 115;shale rock 121; limestone 143.
CTWR Con I " 1	W. Snyder	G.L. Davidson	Feb. 10, 1954	4	100	Flows	Flows	"	D.S	Clay 42;till 56;sand 63;till 90;sand gravel 106;till 110;sand gravel 151;blue shale 164;limestone 168.
CTWR Con I " 2	I. Brubacher	"	Jan. 30, 1954	4	125	"	"	"	D.S	Top soil 1;clay fine sand 10;hardpan 25;blue clay gravel 81;gravel 82.
GCT " 17	C.M. Mallar	E. McLaughlin/Son	Jul. 3, 1954	5½	15	40	20	"	P	Top soil 1;clay fine sand 10;hardpan 25;blue clay gravel 81;gravel 82.
GCT " 27	A. Bauman	J. Sauder	Oct. 15, 1954	4	12½	40	39	"	D.S	Fill 2;brown clay 27;quicksand 30;blue clay stones 98;sand 104;blue clay 138;sandy clay 149;blue clay 172;cemented sand 178;brown clay 184;sandy clay 202;brown clay stones 252;sand silt 282;shale rock 298.
GCT " 31	J.M. Ritchie	F.J. Fischer	Nov. 20, 1954	3	1½	43	20	"	D	Top soil 2;brown clay 10;blue clay 40;coarse and fine sand 53.
GCT " 32	H.C. Kjaehm	J. Sauder	Nov. 27, 1953	4	15	35	35	"	P	Open well 38;hardpan 55;blue clay stones 85;running blue clay 100;coarse sand clay 108;sand brown clay 135;blue shale 163;hard blue rock 167.
GCT " 33	L. Gaessler	O.H. Gow	Oct. 1, 1954	4	8	45	30	"	D	Dug well 30;hardpan gravel 130;gravel 135.
GCT " 41	A. Thiem	H.A. Kerr	Sep. 17, 1953	4	15	75	40	Sulphur	D	Blue clay 12;sand gravel 21;blue clay 35;brown clay 42;sand gravel 57;sand 100;sand clay 131;shale 153.
GCT " 41	W. Stahle	J. Sauder	May 15, 1954	5	15	35	35	Fresh	D	Open well 39;hardpan 63;sand 65;hardpan some sand 88;sand 93.
GCT " 41	H.D. McWhiney	O.H. Gow	Sep. 22, 1954	4	8	60	60	"	D	Dug well 20;yellow clay boulders 60;fine gravel 106.
GCT " 60	M. Martin	J. Sauder	Aug. 20, 1954	5	15	40	20	"	D.S	Top soil 2;yellow clay stones 18;brown clay stone 36;quicksand 44;fine silt 83;blue clay 88;brown and blue shale 137;limestone 140.
GCT " 74	P. Ubrig	O.H. Gow	Aug. 16, 1954	4	6	50	30	"	D	Heavy brown clay 80;fine gravel clay 104;gravel 105.
GCT " 79	Mrs. J.L. Jupp	"	Aug. 21, 1954	5	35	35	25	"	D	Brown clay 70;fine gravel 71.
GCT " 79	O. Martin	F.L. Davidson	May 5, 1954	4½	14	40	32	"	D.S	Clay 9;sand 48;gravel clay 110;gravel 127;hard limestone 141.
GCT " 84	N. Martin	J. Sauder	Nov. 18, 1954	5	4	Flows	Flows	Sulphur	D.S	Top soil 3;blue clay stones 12;hardpan stones 28;hardpan 35;yellow clay stones 48;soft yellow clay 52;hardpan 73;fine sand some silt 79;soft blue clay 90;sandy clay 140;coarse sand yellow clay 151;shale rock 164;solid limestone 183;rock 184;whitish brown rock 225.
GCT " 86	D. Martin	G.L. Davidson	Sep. 18, 1954	4½	10	63	63	Fresh	D	Clay 25;hardpan 75;gravel sand 77;hardpan 100;gravel 105.
GCT " 87	W. Otto	J. Sauder	Apr. 26, 1954	4	15	90	60	"	D	Top soil 2;brown clay 14;yellow clay sand 75;blue clay 92;hardpan 103;sand 110;brown clay sand 140;medium sand clay streaks 202;blue shale 209;hard blue rock 219.
GCT " 90	D.M. Martin	F.L. Davidson	May 26, 1954	4½	10	60	50	"	D.S	Clay 78;sand 140;limestone 142.
GCT " 94	H. Bowman	H.A. Kerr	Mar. 10, 1954	4	15	80	62	"	D.S	Dug well 33;clay 85;boulders 86;hardpan 100;sand 135;sand clay 188;shale 207;limestone 215.
GCT " 96	N. Weber	F.L. Davidson	Nov. 1, 1953	4	15	40	15	"	D.S	Gravel 20;sand 37;till 87;gravel 104;till 129;gravel 150;shale rock 179;limestone 211.
GCT " 104	B. Martin	G.L. Davidson	Mar. 10, 1954	4	10	79	79	"	D	Clay 20;hardpan 75;clay 90;hardpan 180;clay 195;hardpan 202;shale 209;brown limestone 215.
GCT " 112	N. Weber	F.L. Davidson	Aug. 13, 1954	4	10	65	55	"	D	Till 172;rock 200.
GCT " 117	W. Burkhardt	J. Sauder	May 7, 1954	4	15	7	7	"	D	Top soil 2;quicksand 5;brown clay sand 26;hardpan 63;clay gravel 67;hardpan 110;yellow sand 120;brown clay 142;shale rock 147;white sandstone 152;limestone 153.

WATERLOO COUNTY cont.

Woolwich Twp. cont.

HT Con A lot 5

D, S Top soil 1; yellow clay stones 9; blue clay 40; blue clay stones 80; cemented gravel 88; blue clay stones 100; red clay 145; limestone 218.

WELLAND COUNTY

Bertie Twp.

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Nov. 6, 1954

Oct. 8, 1953

Jul. 26, 1954

Jul. 30, 1954

May 21, 1953

Jun. 20, 1953

Jul. 11, 1953

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Sep. 8, 1954

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Red clay 10; flint 27.

Sand gravel 10; flint 24.

Clay 5; flint 23.

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Blue clay 23; flint 31.

Sand 6; blue clay 22; grey limestone 33.

Yellow clay 9; blue clay 18; rock 21.

Top soil 1; brown clay 10; sand clay 18; flint 32.

Black loam 2; blue clay 20; dark flint 34.

Sand 3; red clay 12; blue clay 16; limestone flint 31 1/2.

Red clay 14; flint limestone 30.

Red clay 20; hard flint 26 1/2.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLAND COUNTY cont.										
Bertie Twp. cont.										
LEP Con III lot 20	E.J. Stephenson	S. Johnston/Son	Aug. 16, 1954	6	7	48	46	Fresh	D	Loam soil slate 3; hard limestone 40; slate 65.
LEP Con III	L. Hilliker	L. Riddell	Aug. 20, 1953	6 1/2	3	36	35	"	D	Sand gravel 3; flint 64; shale 76.
LEP Con III	J. Cutler	"	Mar. 20, 1954	6 1/2	8	3	4	"	D	Sand 4; flint 21; brown limestone 40.
LEP Con III	T.H. Peacock	S. Johnston/Son	Mar. 24, 1953	6 1/2	9	22	20	"	D	Clay 2; limestone 30; slate 51.
LEP Con III	W. Kelly	L. Riddell	Aug. 29, 1953	6 1/2	15	2	2	"	D	Yellow clay 70; sand 76; shale 80.
LEP Con III	G. Bysterbosch	W. Winger/Son	Oct. 11, 1954	6	11	15	13	Slightly Sulphur	D	Top soil 1; brown clay 12; blue clay 20; brown rock 44.
LEP Con VII	J. Sciandra	"	Jul. 9, 1954	6	15	14	12	"	D	Black loam 1; brown clay 15; blue clay 41; grey flint 47.
NEP Con I	Construction	L. Riddell	Jun. 4, 1953	6 1/2	7	9	9	Fresh	D	Sand 2; clay gravel 17.
NEP Con I	A. Gale	"	Jul. 20, 1954	6 1/2	7	9	9	"	D	Sand 2; clay gravel 18.
NEP Con III	L. Fowler	W. Winger/Son	Oct. 30, 1953	6 1/2	25	20	30	"	D	Yellow clay 10; blue clay 41; rock 44.
NEP Con III	K. Brachik	S. Johnston/Son	Jan. 15, 1953	6 1/2	9	20	18	"	D	Red clay 15; limestone 38 1/2.
NEP Con III	K. Bowman	W. Winger/Son	Dec. 1, 1954	6	10	36	35	"	D	Brown clay 4; limestone 44.
NEP Con V	L. Harford	L. Riddell	Jul. 26, 1954	6 1/2	7	13	10	"	D	Clay 8; flint 15.
NEP Con V	R. Horitz	S. Johnston/Son	Jul. 27, 1953	6 1/2	9	10	6	"	D	Red clay 15; shale rock 18.
NEP Con V	R. McMinn	W. Winger/Son	Jul. 16, 1954	6	15	9	9	Slightly Sulphur	D	Brown clay 7; light coloured flint 11; brown limestone 30.
NEP Con V	A. Jolst	S. Johnston/Son	Oct. 9, 1953	6	5	22	20	Fresh	D	Clay 10; limestone 28 1/2.
NEP Con VI	H. Kramer	"	Jul. 24, 1953	6	9	18	7	"	D	Red clay 15; blue clay 25; rock 28.
NEP Con VI	H. Benner	Knoll/Hallborg	Sep. 3, 1954	6	10	20	20	"	D	Gravelly clay 35; black flint 45.
NEP Con VI	J. Teal	W. Winger/Son	Sep. 6, 1954	6	2	32	9	Slightly Sulphur	D	Loam 1; hard brown clay 9; flint 27; brown limestone 32.
NEP Con VI	L. Detenbeck	S. Johnston/Son	Aug. 7, 1953	6	9	24	22	Fresh	D	Red clay 6; limestone 34 1/2.
NEP Con IX	School SS #7	W. Winger/Son	Sep. 15, 1954	6	15	1	1	"	P	Topsoil 1; brown clay 17; red clay 62; gravel 66; blue shale 68.
NEP Con IX	J. Willick	L.M. Smith	Apr. 15, 1953	6 1/2	15	1	6	Sulphur	P	Blue stony clay 15; fine gravel 17; soft red clay 25; coarse gravel 28; grey limestone 30.
NEP Con XI	G. Climenhaga	W. Winger/Son	Aug. 12, 1954	6	7	37	24	Fresh	D	Clay stones 2; shale rock 5; brown limestone 37.
NEP Con XII	L. Rose	"	Dec. 19, 1953	6 1/2	5	7	7	"	D	Yellow clay 12; blue clay 46; gravel 49; limestone 50.
Crowland Twp.										
Con I lot 1	W. Lusty	W.A. Lounsbruy/Son	May 3, 1954	6 1/2	10	30	13	Slightly Sulphur	D	Sandy loam 10; blue clay 64; gravel 65; limestone 67.
Con I	School SS #6	W. Winger/Son	Jul. 26, 1954	6	15	21	21	Fresh	P	Loam 2; brown clay 21; blue clay 75; sand 100; dark rock 118.
Con IV	R. Hardy	R. Schooley	Aug. 31, 1953	6 1/2	4	21	21	Slightly Sulphur	D	Red clay 34; sand 74; gravel clay hardpan 86; sand 100; shelly shale 105.
Con VI	J. Choinick	L.M. Smith	Mar. 25, 1953	6 1/2	8	66	8	Fresh	In	Hard red clay 20; soft red gravelly clay 127; coarse gravel 128.
Con VII	D. Burns	"	Mar. 16, 1953	6	10	34	10	Mineral	In	Pine red sandy loam 80; limestone shale 116.
Crystal Beach	Ridge Dairy Co	S. Johnston/Son	Apr. 7, 1953	6	10	34	10	Fresh	In	Red clay 22; fine sand 52; flint 59.
Humberstone Twp.										
Con I lot 1	W. Davage	R. Schooley	Aug. 12, 1954	6 1/2	4	14	9	Slightly Sulphur	D	Clay 4; flint 27.
Con I	W. Davidge	Knoll/Hallborg	Oct. 8, 1954	6	1 1/2	8	8	Fresh	D	Clay 8; flint 18.
Con I	J. Parks	"	Jul. 14, 1954	6	10	29	28	"	D	Clay 20; flint 34.
Con I	R. Huebschmann	"	Oct. 26, 1954	6	3	2	2	"	D	Black loam 9; flint 10.
Con I	G. Pretz	R. Schooley	Jul. 19, 1954	6 1/2	4	33	12	"	D	Red clay 25; flint 33.
Con I	H. Kowalski	W. Winger/Son	Oct. 5, 1954	6 1/2	8	1	1	Slightly Sulphur	D	Black loam 8; flint 20.
Con I	J. Healy	Knoll/Hallborg	Oct. 14, 1954	6	1 1/2	4	4	"	D	Black loam 9; flint 19.
Con I	N. Beach	L. Kramer	Sep. 30, 1953	6 1/2	4	43	35	Sulphur	D	Mill 4; flint 43.
Con I	W. Kelly	R. Schooley	Oct. 22, 1953	6 1/2	4	14	14	Fresh	D	Flint 30.

WELLAND COUNTY cont.
Humberstone Twp. cont.

Con	I	lot	W. Winger & Son	Dec. 31, 1953	5	23	Fresh	D	Till 2; flint 38. Till 3; flint 45. Loam 1; black flint 23. Clay 19; flint 38. Some sulphur. Black muck 12; sand 15; gravel 17. Red clay 8; flint 18. Clay 6; hard black flint 15. Clay 7; hard rock 14; gravel 14 1/2. Clay 7; hard rock 14; gravel 14 1/2. Sand 12; flint 25. Sandy loam 1; black flint 22. Sandy loam 1; black flint 22. Loam 1; hard broken rock 6; flint 20; limestone 31. Flint 30. Sand 7; fine gravel 9; flint 20. Clay 3; flint 30. Black loam clay 9; grey shale 25. Sand 29; flint 44. Red clay 12; grey limestone 28. Clay 9; flint 27. Red clay 15; shale 42. Red clay 7; sandy gravel 11; blue clay 26; black shale 47. Clay 12; rock 17. Sandy soil 10; flint 18. 48. Clay 4; brown limestone 33. Broken rock 4; hard dark rock 11. Till 4; red clay 17; grey shale 31. Clay 18; limestone 54. Clay 16; limestone 30. Clay loam 18; quicksand 25; limestone 31. Loam 2; clay 21; limestone 24. Till 11; grey shale 39. Till 6; grey shale 16. Clay sand pebbles 3; grey shale 16. Clay 3; limestone 24. Clay 11; hard rock 22. Brown shale 3; flint 26. Shelly shale 4; brown shale 47. Sandy loam 2; grey limestone 46. Sandy loam 2; grey limestone 67. Black loam 2; red clay 8; grey limestone 25. Red clay 13; shale 44. 22. Clay 3; hard limestone 54. Clay 2; shale 35. Shelly rock 6; hard dark rock 54. Shelly rock 7; blue flint 23. Shale rock 3; grey limestone 43. Sandy clay pebbles 3; grey limestone 31. Sand rocky loam 6; soft shale rock 51. Clay 6; hard grey limestone 37. Clay 4; limestone 26. Sandy loam 4; limestone shale 35. Sandy loam 2; shale rock 6; limestone 29.
Con I	5	S. Shapiro	W. Winger & Son	Dec. 31, 1953	6 1/2	18	23	D	Till 2; flint 38. Till 3; flint 45. Loam 1; black flint 23. Clay 19; flint 38. Some sulphur. Black muck 12; sand 15; gravel 17. Red clay 8; flint 18. Clay 6; hard black flint 15. Clay 7; hard rock 14; gravel 14 1/2. Clay 7; hard rock 14; gravel 14 1/2. Sand 12; flint 25. Sandy loam 1; black flint 22. Sandy loam 1; black flint 22. Loam 1; hard broken rock 6; flint 20; limestone 31. Flint 30. Sand 7; fine gravel 9; flint 20. Clay 3; flint 30. Black loam clay 9; grey shale 25. Sand 29; flint 44. Red clay 12; grey limestone 28. Clay 9; flint 27. Red clay 15; shale 42. Red clay 7; sandy gravel 11; blue clay 26; black shale 47. Clay 12; rock 17. Sandy soil 10; flint 18. 48. Clay 4; brown limestone 33. Broken rock 4; hard dark rock 11. Till 4; red clay 17; grey shale 31. Clay 18; limestone 54. Clay 16; limestone 30. Clay loam 18; quicksand 25; limestone 31. Loam 2; clay 21; limestone 24. Till 11; grey shale 39. Till 6; grey shale 16. Clay sand pebbles 3; grey shale 16. Clay 3; limestone 24. Clay 11; hard rock 22. Brown shale 3; flint 26. Shelly shale 4; brown shale 47. Sandy loam 2; grey limestone 46. Sandy loam 2; grey limestone 67. Black loam 2; red clay 8; grey limestone 25. Red clay 13; shale 44. 22. Clay 3; hard limestone 54. Clay 2; shale 35. Shelly rock 6; hard dark rock 54. Shelly rock 7; blue flint 23. Shale rock 3; grey limestone 43. Sandy clay pebbles 3; grey limestone 31. Sand rocky loam 6; soft shale rock 51. Clay 6; hard grey limestone 37. Clay 4; limestone 26. Sandy loam 4; limestone shale 35. Sandy loam 2; shale rock 6; limestone 29.
Con I	5	T. Desantis	Knoll & Hallborg	Jan. 20, 1954	6	18	17	D	Till 2; flint 38. Till 3; flint 45. Loam 1; black flint 23. Clay 19; flint 38. Some sulphur. Black muck 12; sand 15; gravel 17. Red clay 8; flint 18. Clay 6; hard black flint 15. Clay 7; hard rock 14; gravel 14 1/2. Clay 7; hard rock 14; gravel 14 1/2. Sand 12; flint 25. Sandy loam 1; black flint 22. Sandy loam 1; black flint 22. Loam 1; hard broken rock 6; flint 20; limestone 31. Flint 30. Sand 7; fine gravel 9; flint 20. Clay 3; flint 30. Black loam clay 9; grey shale 25. Sand 29; flint 44. Red clay 12; grey limestone 28. Clay 9; flint 27. Red clay 15; shale 42. Red clay 7; sandy gravel 11; blue clay 26; black shale 47. Clay 12; rock 17. Sandy soil 10; flint 18. 48. Clay 4; brown limestone 33. Broken rock 4; hard dark rock 11. Till 4; red clay 17; grey shale 31. Clay 18; limestone 54. Clay 16; limestone 30. Clay loam 18; quicksand 25; limestone 31. Loam 2; clay 21; limestone 24. Till 11; grey shale 39. Till 6; grey shale 16. Clay sand pebbles 3; grey shale 16. Clay 3; limestone 24. Clay 11; hard rock 22. Brown shale 3; flint 26. Shelly shale 4; brown shale 47. Sandy loam 2; grey limestone 46. Sandy loam 2; grey limestone 67. Black loam 2; red clay 8; grey limestone 25. Red clay 13; shale 44. 22. Clay 3; hard limestone 54. Clay 2; shale 35. Shelly rock 6; hard dark rock 54. Shelly rock 7; blue flint 23. Shale rock 3; grey limestone 43. Sandy clay pebbles 3; grey limestone 31. Sand rocky loam 6; soft shale rock 51. Clay 6; hard grey limestone 37. Clay 4; limestone 26. Sandy loam 4; limestone shale 35. Sandy loam 2; shale rock 6; limestone 29.
Con I	5	A. Holman	Knoll & Hallborg	May 3, 1954	6	12	17	D	Till 2; flint 38. Till 3; flint 45. Loam 1; black flint 23. Clay 19; flint 38. Some sulphur. Black muck 12; sand 15; gravel 17. Red clay 8; flint 18. Clay 6; hard black flint 15. Clay 7; hard rock 14; gravel 14 1/2. Clay 7; hard rock 14; gravel 14 1/2. Sand 12; flint 25. Sandy loam 1; black flint 22. Sandy loam 1; black flint 22. Loam 1; hard broken rock 6; flint 20; limestone 31. Flint 30. Sand 7; fine gravel 9; flint 20. Clay 3; flint 30. Black loam clay 9; grey shale 25. Sand 29; flint 44. Red clay 12; grey limestone 28. Clay 9; flint 27. Red clay 15; shale 42. Red clay 7; sandy gravel 11; blue clay 26; black shale 47. Clay 12; rock 17. Sandy soil 10; flint 18. 48. Clay 4; brown limestone 33. Broken rock 4; hard dark rock 11. Till 4; red clay 17; grey shale 31. Clay 18; limestone 54. Clay 16; limestone 30. Clay loam 18; quicksand 25; limestone 31. Loam 2; clay 21; limestone 24. Till 11; grey shale 39. Till 6; grey shale 16. Clay sand pebbles 3; grey shale 16. Clay 3; limestone 24. Clay 11; hard rock 22. Brown shale 3; flint 26. Shelly shale 4; brown shale 47. Sandy loam 2; grey limestone 46. Sandy loam 2; grey limestone 67. Black loam 2; red clay 8; grey limestone 25. Red clay 13; shale 44. 22. Clay 3; hard limestone 54. Clay 2; shale 35. Shelly rock 6; hard dark rock 54. Shelly rock 7; blue flint 23. Shale rock 3; grey limestone 43. Sandy clay pebbles 3; grey limestone 31. Sand rocky loam 6; soft shale rock 51. Clay 6; hard grey limestone 37. Clay 4; limestone 26. Sandy loam 4; limestone shale 35. Sandy loam 2; shale rock 6; limestone 29.
Con I	5	T. Eit	R. Schooley	Jul. 8, 1954	6 1/2	5	15	D	Till 2; flint 38. Till 3; flint 45. Loam 1; black flint 23. Clay 19; flint 38. Some sulphur. Black muck 12; sand 15; gravel 17. Red clay 8; flint 18. Clay 6; hard black flint 15. Clay 7; hard rock 14; gravel 14 1/2. Clay 7; hard rock 14; gravel 14 1/2. Sand 12; flint 25. Sandy loam 1; black flint 22. Sandy loam 1; black flint 22. Loam 1; hard broken rock 6; flint 20; limestone 31. Flint 30. Sand 7; fine gravel 9; flint 20. Clay 3; flint 30. Black loam clay 9; grey shale 25. Sand 29; flint 44. Red clay 12; grey limestone 28. Clay 9; flint 27. Red clay 15; shale 42. Red clay 7; sandy gravel 11; blue clay 26; black shale 47. Clay 12; rock 17. Sandy soil 10; flint 18. 48. Clay 4; brown limestone 33. Broken rock 4; hard dark rock 11. Till 4; red clay 17

1,2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLAND COUNTY cont. Humberstone Twp.										
lot 8	F. Kuesman	R. Schooley	Dec. 29, 1953	6	4	8	8	Fresh	D, S	Sandy loam 10; shale 37.
Con III	R. Lampman	"	Jan. 26, 1954	6 1/2	4	13	13	"	D	Red clay 13; shale 24.
Con III	"	"	Feb. 10, 1953	6	3	11	11	"	D	Clay loam 6; brown shale 26.
Con III	L. Kramer	"	Jun. 20, 1953	6 1/2	10	20	20	"	D	Till 17; grey shale 30.
Con III	L. Kramer	"	May 28, 1954	6 1/2	10	10	10	"	D	Sandy loam gravel 14; limestone 24.
Con III	H. School SS #6	R. Schooley	Jul. 27, 1954	6 1/2	4	29	29	"	P	Clay 4; shale 51.
Con III	"	"	Oct. 5, 1954	6 1/2	4	33	33	"	D	Clay 8; sand gravel 10; shale 75.
Con III	W. Stoner	"	Apr. 4, 1953	6 1/2	5	5	14	"	D	Dark sandy soil 4; grey shale 26.
Con III	J. Babion	"	Nov. 12, 1953	6 1/2	1 1/2	18	18	"	D	Till 14; grey shale 36.
Con III	G. Welsh	"	Aug. 10, 1954	6 1/2	5	18	16	"	S	Loam 3; broken rock 7; hard rock 26.
Con III	G. Babion	Kramer/McIntyre	Dec. 10, 1953	6	4	1	22	Sulphur	D	Clay 19; sand gravel 26; shale 44.
Con III	S. Shauble	Kramer/McIntyre	Aug. 1, 1954	6 1/2	5	20	19	Fresh	D	Loam 1; clay 6; limestone 32.
Con III	W. MacLean	"	Aug. 10, 1954	6 1/2	5	20	14	Fresh	D	Loam 1; clay 18; limestone 33.
Con III	W. White	"	May 4, 1953	6 1/2	2	20	18	"	D	Sandy loam 2; red clay 7; grey shale 31.
Con III	W. Seady	Kramer/McIntyre	Nov. 1, 1954	6 1/2	2	26	25	"	D	Clay 12; limestone 26.
Con III	D. Crumb	"	Nov. 15, 1954	6 1/2	4	38	17	Sulphur	D, S	Top soil 2; clay 8; hard rock 13; limestone 35.
Con III	The Humane Society	R. Schooley	Sep. 24, 1954	6 1/2	4	7	7	Fresh	D, S	Clay 6; shale 38.
Con IV	"	"	Apr. 22, 1953	6 1/2	4	16	16	"	D, S	Clay 7; brown shale 28.
Con IV	A. Shushuk	"	Jul. 1, 1953	6 1/2	4	21	12	Slightly Sulphur	D, S	Clay 4; fine red sand 63; shale 99.
Con IV	"	"	Jun. 24, 1954	6 1/2	4	24	24	"	D	Sandy loam 12; shale 31.
Con IV	J. Bates	R. Schooley	Jul. 13, 1954	6 1/2	4	40	40	Fresh	D	Sandy loam 5; shale 47.
Con V	R. Day	"	Jul. 2, 1954	6 1/2	4	24	24	"	D	Red clay 61; sand 59; sandy gravel 71.
Con V	F. Durliat	"	Jul. 7, 1954	6 1/2	4	15	15	"	D, S	Red clay 37; sand 70; gravel 72.
Con V	K. Wiedeman	"	Mar. 21, 1953	6 1/2	5	12	12	"	D	Clay pebbles 28; quicksand 49; limestone 54.
Con V	B. Fox	"	"	"	"	"	"	"	"	"
Pelham Twp.										
lot 3	G. W. Powell	W. Lounsbury/Son	Oct. 15, 1953	6 1/2	1 1/2	36	36	Fresh	D	Hard clay 9; hard packed limestone 34; limestone shale 46; red sandstone 50.
Con I	"	"	May 12, 1954	6 1/2	3	50	10	"	D, S	Hard blue clay 38; hardpan 45; hard sand 52; limestone 65.
Con I	B. Mordle	"	Nov. 6, 1954	6 1/2	1	45	29	"	D	Hard clay 5; limestone 50; sandstone 55; limestone 57.
Con I	A. Groombridge	"	Oct. 20, 1954	6 1/2	15	70	30	Sulphur	D	Hard clay 13; limestone 74.
Con II	A. Lynes	"	Oct. 6, 1953	7	"	"	"	"	D	Brown sand 5; gravel stones builders 35; cemented gravel 100;
Con VI	W. D. Weir	W. L. Field & Son	"	"	"	"	"	"	D	gravel sand 140; fine sand 230; blue clay 250; blue clay sandy loam 290; quicksand 310; brown clay 315; clay loam fine sand 336; stones gravel 340; limestone 350.
Con X	A. B. Haist & Son	"	Aug. 7, 1954	7	30	50	45	"	D, S	Brown sandy clay 10; red sand 58; blue clay 62; brown sand 180; sand gravel stones 195.
Con XI	S. Bachynski	W. Lounsbury/Son	Jan. 13, 1953	6 1/2	17	100	38	"	D	Hard clay 24; sand 52; blue clay 140; hardpan 154; limestone 161.
Stamford Twp.										
lot 4	Twp. of Niagara	W. Lounsbury/Son	Apr. 23, 1953	10	150	40	Flows	Fresh	P	Heavy coarse sand 18; fine heaving sand 45; fine gravel sand 55; coarse sand 61; coarse gravel large stones 63; uniform coarse gravel 78; limestone 80.
"	"	"	Jun. 13, 1953	6 1/2	10	73	63	"	P	Brown sand gravel 40; fine sand 70; brown clay sand 80; sand gravel 87; limestone 100.
"	Peninsula Sand Co.	W. L. Field & Son	Sep. 1, 1953	6 1/2	20	40	22	"	D	Sandy loam 10; fine sand 68; gravel 70; limestone 72.
"	P. Bojak	W. Lounsbury/Son	Oct. 23, 1953	6 1/2	8	40	23	"	D	Sandy loam 10; fine sand 60; coarse gravel 65; limestone 66.
"	J. Telecki	"	Feb. 5, 1953	6 1/2	20	22	10	Sulphur	D	Hard clay 10; sand 35; limestone 39; red sandstone 40.
"	W. Banasik	"	Nov. 19, 1953	6 1/2	6	15	15	Fresh	D	Yellow clay 9; blue clay 23; gravel 25; rock 28.

WELLAND COUNTY-cont.

1.2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C. Silt some red shale 106. Dry hole.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLAND COUNTY-cont. Thorold Twp.-cont. lot 166	Second Trans.	W.L.Field & Son	Oct. 4, 1954	7	10	80	50	Fresh	C, P	Brown clay loam 10; blue clay 30; fine sand 60; red clay 70; brown sandy loam 160; stones sand 170; stones sand gravel 180; limestone 185.
" 167	J.E.Dandford	W.Lounsbery/Son	Sep. 9, 1953	4	30	50	45	"	D	Hard clay 4; red sandy clay 18; blue clay 62; very fine grey sand 141; blue clay 182; fine sand 186; hardpan small stones gravel 189; limestone 190.
" 167	Danford Real Estates Ltd.	"	Sep. 30, 1953	6½	6	80	45	"	D	Fine sand 30; sandy clay 90; fine heaving sand 185; limestone 190.
" 193	J.Ewart	C.W.Young	Apr. 4, 1954	6	6	30	28	"	D	Clay 42; running sand 80; coarse sand clay 102; flinty rock 122.
" 194	R.Young	"	Mar. 20, 1953	6	5	20	17	"	D	Till 30; quicksand 91; gravel sand 97; flint 102.
" 220	A.H.McGlellan	W.Lounsbery/Son	Jul. 10, 1953	6½	10	22	16	"	P	Sandy clay 6; bard clay 21; soft blue clay 84; sand clay 115; hardpan 118; limestone 122.
" 226	H.Parker	W.Merritt	Jan. 11, 1954	5	17	18	18	"	D	Clay quicksand 80; boulders 93; Niagara rock 105.
" 229	L.Saelk	W.L.Field & Son	Nov. 11, 1954	6½	5	60	18	"	D	Blue clay 25; brown fine sand 50; clay stones 80; sand gravel 90; limestone 94.
" 229	H.McCombs	"	Nov. 18, 1954	7	10	50	6	"	D	Blue clay 25; fine brown sand 50; clay stones 80; sand gravel 90; limestone 93.
" 231	Leon Furniture	W.Lounsbery/Son	Sep. 10, 1954	6½	30	40	25	"	P	Hard clay 14; soft blue clay 65; sandy gravel 84; hardpan stones 90; limestone 97.
Wainfleet Twp.	E.Corey	L.Kramer	May 10, 1953	6½				Fresh	D	Sandy muck 10; grey shale 17.
Con I	R.Queffelec	"	May 14, 1953	6½		2	2	"	D	Sandy muck 10; grey shale 18.
Con I	P.Major	"	May 19, 1953	6½		2	2	"	D	Sandy muck 10; grey shale 14.
Con I	F.Meiner	"	May 26, 1953	6½		2	2	"	D	Sandy muck 12; grey shale 19.
Con I	W.Fritz	"	Jul. 6, 1953	6½	2	24	16	"	D	Black gravel 3; red clay 7; flint 24.
Con I	R.Marr	"	Apr. 24, 1954	6½	15	6	6	"	D	Clay 11; grey shale limestone 27.
Con I	W.Fritz	"	Apr. 29, 1954	6½	15	6	6	"	D	Clay 17; grey shale 19.
Con I	A.Goosen	"	Oct. 28, 1954	6½	5	10	10	"	D	Loam 1; dark clay 11; hard grey rock 17.
Con I	L.Jamieson	Kramer/McIntyre	Jun. 24, 1954	6½	5	21	16	"	D	Sand gravel 11; flint 24.
Con I	B.Curl	"	Oct. 28, 1954	6½	5	21	16	"	D	Sand gravel 11; flint 24.
Con I	A.Winger	L.Kramer	Jun. 9, 1953	6½	5	68	37	Sulphur	D	Clay pebbles 3; flint 25.
Con I	C.Michael	R.Schooley	May 24, 1954	6½	4	57	44	Fresh	D	Red clay 5½; shale 7; dark limestone 68.
Con I	M.Yedlinsky	"	Jun. 22, 1954	6½	4	57	44	"	D	Red clay 7; limestone 57.
Con I	F.Ellsworth	"	Mar. 28, 1953	6½	3	11	11	"	D	Clay 22; flint 36.
Con I	E.McFee	L.Kramer	Nov. 4, 1953	6½	3	8	6	"	D	Clay 11; grey limestone 19.
Con I	L.Delaine	"	May 28, 1953	6½	5	8	8	"	D	Sandy gravel 11; grey shale 26.
Con I	W.Augustine	R.Schooley	Jun. 2, 1953	6½	4	8	12	"	D	Clay pebbles 6; grey shale 34.
Con I	L.Michener	R.Schooley	Jun. 2, 1953	6½	4	8	18	"	D	Sand coarse gravel 11; flint 23.
Con I	Morgan's Point Church	"	Nov. 18, 1953	6½	4	32	24	"	D	Flint 73; hard grey limestone 105.
Con I	P.Lenszen	"	May 18, 1953	6	4	4½	4½	"	D	Sandy loam 4; shale 8; flint 79.
Con I	G.Leslie	"	Jun. 9, 1953	5	4	5	5	"	D	Clay 4; grey limestone 17; flint 29.
Con I	E.Truman	L.Kramer	May 14, 1954	6½	15	6	5	"	D	Clay 1; flint 27.
Con I	R.Katons	R.Schooley	Jun. 16, 1953	6½	4	6	6	Slightly Sulphur	D	Sand 18; black flint 33.
Con I	"	"	"	"	"	"	"	"	D	Clay 9; flint 34.
Con I	K.Travers	"	Jun. 22, 1953	6½	4	12	6	"	D	Clay 7; gravel 10; flint 24.
Con I	R.Norman	"	Oct. 5, 1953	6½	4	4	12	Sulphur	D	Clay 20; grey limestone 29.
Con I	Hakewood Crippled Children's Camp	"	Apr. 20, 1954	6½	4	4	4	Fresh	P	Red clay 7; sandy loam 15; flint 30.

WELLAND COUNTY-cont.

Wainfleet Twp. cont.

Con I	lot 20	F. Materson	S.W. Merritt	Oct. 8, 1953	6	17	40	24	Fresh	D	Clay 59; Niagara rock 78.
Con I	"	S. Graybiel	R. Schooley	Sep. 16, 1954	6 1/2	4	18	18	"	D, S	Clay 10; flint 36; hard limestone 45.
Con II	"	V. Young	"	Nov. 10, 1954	6	4	17	17	"	D	Shell rock 6; limestone 42.
Con II	"	G. Fagi	Knoll & Hallborg	Sep. 18, 1954	6	15	30	30	Sulphur	D	Sand 2; clay 4; limestone 25; brown limestone 56.
Con VI	"	A. Marcoux	"	Jul. 21, 1954	8	1 1/2	4	4	Fresh	D	Clay 91; gravelly clay 98; rock 104.
Con VI	"	L. Gent	Caugheill Bros.	Jul. 18, 1954	8	33	7	3	"	P	Clay 90; quicksand 140; clay stones 144; limestone 170.
Con VI	"	School	"	Jul. 10, 1954	8	33	6	2	"	P	Clay 90; quicksand 110; coarse sand gravel 128; clay stones 132; limestone 150.
Con VII	"	Christian Reform Church	S.W. Merritt	May 20, 1953	6	15	60	16	"	P	Clay 90; gravel clay 112; rock 124.
Willoughby Twp.											
COBF	lot 9	School	W. Lounsbury/Son	May 31, 1954	6 1/2	10	35	14	Fresh	P	Hard clay 10; blue clay 80; small stones 83; fine sand 85; coarse gravel 92; limestone 55.
Con III	"	D. Glinse	L. Riddell	Jun. 4, 1954	6 1/2	4	42	5	"	D	Sand gravel 52; shale 55.
Con VI	"	J. Blazczuk	W. Winger & Son	Sep. 1, 1953	6 1/2	35	14	14	"	D	Yellow clay 9; blue clay 55; rock 80.
Con VII	"	School	W. Lounsbury/Son	Jun. 4, 1954	6 1/2	8	20	12	Sulphur	P	Hard clay 15; blue clay 33; sand gravel 34; coarse gravel 36; limestone.
GIFUE	"	T. Dekan	S. Johnston & Son	Aug. 20, 1953	6	4	11	7	Fresh	D	Red clay 30; blue clay hardpan 43; shale rock 45.
WELLINGTON COUNTY											
Arthur Twp.											
Con I	lot 10	G. Cox	E.A. Keeso	Oct. 30, 1953	4	9	24	21	Fresh	D, S	Clay 31; gravel clay 52; shale rock 63; white limestone 122.
Con I	"	R. Gorvett	G.L. Davidson	Nov. 25, 1954	4	6	92	18	"	D, S	Top soil 1; clay stones 103; hardpan 111; sand 148; hardpan 152; hard limestone 163; hard white limestone 275; hard brown limestone 285; soft brown limestone 293; hard white limestone 360.
Con I	"	E. Kirkpatrick	E.A. Keeso	Sep. 25, 1953	4	12	14	12	"	D, S	Dug well 20; clay 47; gravel clay 64; blue shale 92; hard brown limestone 104.
Erasmus Twp.											
Con I	lot 7	N. Boles	J.L. Graham	Nov. 11, 1954	5	7	105	103	Fresh	D, S	Dug well 35; sand 39; sandy clay 46; gravel 48; clay stones 58; sand 60; clay gravel 165; grey limestone 168; white limestone 171; grey limestone 187; soft clay 192.
Con I	"	J. Flewelling	C. Hill	Jul. 20, 1954	4	10	105	25	"	D, S	Hard sticky clay 80; gravel 91; white limestone 140; light-brown rock 161.
Con I	"	P. Douglas	"	Jan. 25, 1954	4	10	15	15	"	D, S	Clay hardpan 30; fine sand 53; white limestone 125.
Con II	"	N.B. Marshall	J.R. Sprowl	May 25, 1953	4	10	20	20	"	D	Black flint 24; clay oil rock 29; limestone 61.
Con II	"	School	J.L. Graham	May 10, 1954	4 1/2	10	40	44	"	P	Top soil 1; stony clay 7; grey rock 28; blue rock 68; grey rock 79; light-blue rock 138.
Con II	"	B. Kerr	J.R. Sprowl	Oct. 1, 1953	4	2	57	12	"	D	Clay stones gravel 37; hard black flint 57.
Con II	"	J. Hamer	"	Dec. 11, 1954	4	7	28	6	"	D	Clay 12; sand clay gravel 35; flint 66.
Con II	"	P. Oskam	O.H. Gow	Dec. 14, 1954	4	5	68	60	"	D	Gravel stones 51; limestone 112.
Con II	"	P. Law	C. Hill	Jan. 15, 1954	4	10	60	50	"	D	Gravel 20; hardpan 73; limestone 95; hard black rock 112.
Con II	"	K. McGuinn	O.H. Gow	Jan. 22, 1954	4	8	30	30	"	D	Yellow clay boulders 80; fine gravel 114.
Con II	"	C. Osborne	J.L. Graham	May 28, 1954	4 1/2	5	15	13	Fresh	D	Top soil 1; clay 9; sandy clay 36; sand 38; sandy clay 41; hardpan 53; gravel 56; clay stones 76; gravel 78; limestone 96.
Con II	"	School SS #3	"	Oct. 19, 1953	6 1/2	5	32	17	"	P	Dug well 14; sandy clay 61; brown limestone 96.
Con III	"	K. Howie	J.R. Sprowl	Nov. 20, 1954	4 1/2	15	15	12	"	D	Stony gravel 15; grey limestone 66.
Con III	"	D. Storey	C. Hill	Aug. 11, 1954	4	12	50	40	"	D	Dug well 5; hardpan 85; fine gravel 130; coarse gravel 135.
Con IV	"	E. Brown	"	Dec. 10, 1953	4	10	60	40	"	D	Clay 5; gravel 25; fine sand 35; limestone 100.
Con IV	"	M. Given	J.R. Sprowl	Jan. 23, 1954	4	8	25	25	"	D	Clay gravel stones sand 26; limestone 65 1/2.
Con IV	"	United Church	"	Jan. 19, 1953	4	7	38	38	"	D	Old well 52; limestone 112.
Con IV	"	Parsonage	C. Hill	Nov. 17, 1953	4	10	60	60	"	D	Clay fill 12; limestone 90.
Con IV	"	P. Ostrander	J.R. Sprowl	May 20, 1954	4 1/2	1	50	8	"	D	Earth 2; grey limestone 20; hard blue limestone 50.
Con IV	"	M. Milne	"	Sep. 17, 1954	4 1/2	8	28	24	"	D	Earth 5; grey limestone 25; hard blue limestone 30.
Con IV	"	L. Dadd	"	Sep. 22, 1954	4 1/2	7	20	10	"	D	Earth 5; grey limestone 20; hard blue limestone 65.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C — RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY										
cont.										
Eramosa Twp.-cont.										
Con IV lot 5	S. Harris	J. R. Sprowl	Oct. 2, 1954	4½	15	80	80	Fresh	D	Earth 6; grey limestone 16; hard blue limestone 85; whitish limestone 123.
Con IV " 6	A. Nightingale	"	Jan. 16, 1954	4	20	9	8	"	D	Gravel clay 7; black flint 37.
Con IV " 13	B. Samon	O. H. Gow	Jul. 1, 1953	4	10	10	10	"	D	Boulders gravel 20; grey limestone 55.
Con IV " 13	P. Law	"	Mar. 23, 1954	4	7	20	20	"	D	Yellow clay 10; gravel boulders 17; limestone 50.
Con IV " 14	K. Oakes	J. R. Sprowl	Dec. 15, 1953	4	10	35	35	"	D, S	Dug well 6; gravel clay 60; dark-brown limestone 119.
Con IV " 21	G. C. Martin	J. L. Graham	Nov. 26, 1953	5	6	43	38	"	D, S	Top soil 1½; sandy clay 48; sand clay 61; gravel 62; light-brown rock 139.
Con V " 2	M. Swackhammer	C. Hill	Jan. 23, 1954	4	10	15	15	"	D	Gravel 34; blue limestone 57; white limestone 85; grey rock 100.
Con V " 4	D. Wilson	"	Nov. 30, 1953	4	10	20	10	"	D	Clay stones 8; slab rock 14; limestone 57.
Con V " 4	K. Guild	J. R. Sprowl	Jan. 11, 1954	4	5	40	40	"	D	Earth 1; black flint 50; limestone 105.
Con V " 4	G. Harris	C. Hill	May 7, 1954	4	10	70	50	"	D	Sandy loam 8; grey limestone 90.
Con V " 6	P. Edwards	J. R. Sprowl	Oct. 8, 1954	4	20	20	20	Fresh	D	Gravel clay 5; gravel stones clay 15; black flint 42.
Con V " 6	H. Alton	"	Apr. 25, 1953	4	2	58	8	"	D	Earth 3; black flint 58.
Con V " 9	R. Ritchie	"	May 7, 1953	3½	8	60	33	"	D, S	Clay gravel 82; gravel hardpan 88; black limestone 104.
Con VI " 5	R. M. Storey	"	Jan. 12, 1953	4	8	45	40	"	D, S	Dug well 29; gravel clay 55; limestone 79.
Con VI " 18	J. Synnott	"	Mar. 17, 1954	4	8	25	18	"	D, S	Gumbo clay 15; clay gravel 85; grey limestone 117.
Con VII " 11	D. Jago	"	Aug. 22, 1953	4	1	51	18	"	D	Earth 1; hard blue rock 51.
Con VII " 29	H. Grant	C. Hill	Sep. 16, 1954	4	5	140	80	"	D, S	Sandy clay 5; fine sand 85; clay 148; white limestone 255.
Erin	J. Green	J. R. Sprowl	Mar. 12, 1953	4	20	25	20	Fresh	D	Dug well 8; coarse gravel stones 30; marl sand 65; limestone 90.
Erin	"	"	Mar. 20, 1953	4	20	25	20	"	P	Dug well 8; heavy gravel stones 30; marl sand 52; limestone 74.
Erin	G. Lovell Village / Erin	O. H. Gow	Apr. 20, 1953	4	12	20	20	"	D	Gravel boulders 15; gravel 30; limestone 72.
Erin	"	J. L. Graham	Sep. 10, 1954	10	354	22	10	"	P	Top soil 1; sand 25; gravel 28; blue-grey rock 45; blue rock 62.
Erin Twp.										
Con I lot 6	G. Leslie	J. R. Sprowl	Mar. 4, 1954	3½	5	65	60	Fresh	D, S	Dug well 37; clay gravel 100; coarse gravel 120; gravel quicksand 132½; limestone 165.
Con I " 13	E. Fisher	C. Hill	Oct. 8, 1954	4	10	10	10	"	D	Clay loam 7; black shale 24; hard black rock 72.
Con I " 14	W. Robertson	J. R. Sprowl	May 19, 1953	4	5	45	10	"	D	Sand 20; gravel 42; sand 45; limestone 97.
Con II " 11	C. Griffin	"	Nov. 17, 1953	4	12	12	10	"	D	Big boulders 12; gravel clay 24; hard limestone 49.
Con II " 14	A. E. Hayward	"	Nov. 1, 1954	4	15	22	20	"	D	Heavy clay 12; gravel clay 25; sand 40; stony gravel 46; grey limestone 75.
Con III " 14	School SS #3	J. L. Graham	Dec. 23, 1954	4½	9	86	80	"	P	Clay stones 23; clay sand gravel 36; sandy brown clay 40; grey clay 56; silty brown clay 90; silty grey clay 145; light-brown rock 160; dark-brown rock 180.
Con V " 11	J. Leitch	H. A. Kerr	Oct. 5, 1953	4	15	117	97	"	D, S	Dug well 87; sand 140; hardpan 172; rock 209.
Con VII " 1	M. Hammond	J. R. Sprowl	Nov. 7, 1953	4	5	32	24	"	D	Gravel some clay 15; grey limestone 40; white limestone 72.
Con VII " 2	P. Boyd	"	Oct. 21, 1954	4½	10	22	22	"	D, S	Gravel clay 22; grey limestone 56.
Con VII " 14	J. Hall	H. A. Kerr	Sep. 28, 1953	4	15	90	76	"	D, S	Dug well 60; stony clay 140; sand 118; clay 165; rock 192.
Con IX " 13	A. J. Struthers	J. R. Sprowl	Mar. 26, 1953	4	10	6	6	"	D	Sand gravel 59; pea gravel 60.
Guelph	City of Guelph	J. L. Graham	Jan. 7, 1953	10	541	62	32	Fresh	P	Top soil 3; gravel clay 6; gravel 11; stones clay 17; white limestone 48; brown rock 64; black rock 103; blue mud 104; black rock 119; grey rock 135; blue rock 205; blue and grey rock 240; blue shale.
Guelph	"	"	Feb. 5, 1953	10	400	61	42	"	P	Stony clay 9; stony gravel 16; stony clay 30; white limestone 49; dark brown rock 60; hard black rock 87; brown clay 88; black rock 97; grey shale grey rock 99; grey rock 116; blue grey rock 134; light blue and white rock 166; grey rock 195; blue and grey rock 204; blue rock 232; blue shale 236.
Guelph	Homewood Sanitarium	"	Mar. 7, 1953	10	140	148	84	"	P	Stony hardpan 37; brown rock 45; brown clay 47; brown rock 75; dark brown rock 119; white and blue rock 152; light brown rock 175; light blue rock 203; blue and brown rock 270.

WELLINGTON COUNTY-cont.

Guelph		City of Guelph	International Water Supply	Mar. 20, 1953	605	74	18½	Fresh	P	P	
Guelph		"	"	Apr. 9, 1953	12	179	116	2	Sulphur	Black muck 1; clay gravel 6; coarse gravel boulders 12; gravel streaks of clay 24; brown limestone 56; black limestone 99; dark-grey limestone 117; grey limestone 166; brown and grey limestone 187; grey limestone 203; dark-grey limestone 226; blue-grey limestone 228; shale. Coarse sandy gravel 11; dark-brown limestone 22; black limestone 55; dark-grey limestone 75; light-grey limestone 158; dark-grey limestone 179; blue-grey limestone 188; blue-grey shale 190. Abandoned.	
Guelph		"	"	May 13, 1953	12	724	66	19	Fresh	Coarse gravel boulders 11; clay gravel 17; white limestone 24; brown limestone 29; black limestone 45; black dolomite 58; black limestone 162; grey limestone 140; white limestone 152; brown limestone 162; grey limestone 195. Cinders 3; clay stones 19; black rock 81; grey rock 100; light-blue rock 134; brown rock 140; blue rock 200; blue clay 206. Top soil 2; clay stones 8; gravel 10; sandy clay 13; white rock 74.	
Guelph		Baltimore Hat Company	J. L. Graham	Jan. 9, 1954	10	190	50	19	Slightly Sulphur	In	
Guelph		R. Reilly	"	Jun. 7, 1954	4½	6	19	11	Fresh	D	
Guelph Twp.											
DivB Con II lot 3		J. Cimerman	J. L. Graham	Aug. 9, 1954	4½	7	28	26	Fresh	D	
DivB Con III		"	"	Dec. 2, 1954	4	5	43	33	"	D	
DivB Con V		G. Messner	"	Dec. 9, 1953	5	7	80	44	"	D, S	
DivC Con III		J. Jackson	J. R. Sprowl	Nov. 30, 1953	4	10	25	22	"	D	
DivC Con III		A. Skinner	J. L. Graham	Jun. 15, 1954	4½	7	54	50	"	D, S	
DivC Con III		C. W. Green	J. R. Sprowl	Jun. 26, 1954	4	6	35	20	"	D	
DivC Con III		J. Thomson	C. Hill	Jun. 11, 1953	4	10	30	20	"	D	
DivC Con III		B. Dunnill	"	Jun. 28, 1953	4	10	15	20	"	D	
DivC Con III		H. J. Falkingham	"	Jul. 28, 1953	4	10	30	20	"	D	
DivC Con IV		N. Bruce	"	Jan. 20, 1953	4	10	40	20	"	D	
DivC Con VI		J. Croft	"	Dec. 31, 1953	4	10	19	19	"	D	
DivC Con VI		P. Brazolot	"	May 5, 1954	4	10	8	8	"	D	
DivC Con VI		C. Baam	"	May 24, 1954	4	10	15	8	"	D	
DivC Con VI		C. Mooney	"	May 25, 1954	4	10	8	8	"	D, S	
DivC Con X		O. H. Gow	"	Jun. 10, 1954	4	10	60	50	"	D	
DivC Con X		S. Coetz	"	May 24, 1954	4	10	5	30	"	D, S	
DivC Con X		A. Parkinson	"	Jul. 15, 1953	4	10	22	22	"	D, S	
DivD Con I		G. Slyth	J. L. Graham	Nov. 23, 1954	5	7	38	38	"	D, S	
DivD Con II		J. Hastings	"	Feb. 2, 1954	4½	10	35	30	"	D	
DivD Con II		M. Lake	H. A. Kerr	May 17, 1954	4	15	60	52	"	D	
DivD Con II		G. McInach	O. H. Gow	Feb. 18, 1954	4	8	6	8	"	D	
DivD Con II		D. Dods	"	Mar. 19, 1954	4	10	40	23	Fresh	D, C	
DivD Con III		R. Thompson	"	Mar. 27, 1953	4	10	30	20	"	In, Ir	
DivD Con III		J. L. Graham	"	Oct. 31, 1953	4½	7	15	30	"	D	
DivD Con III		G. J. Parker	"	Jan. 25, 1953	4	10	30	30	"	D	
DivD Con IV		Canadian General Elect.	J. L. Graham	Apr. 4, 1953	10	350	20	14	"	In	

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY										
Guelph Twp. cont.										
Divd Con IV lot 11	City of Guelph	International Water Supply	Feb. 20, 1953	10	158	112½	Flows	Fresh	T	Muck 1; dirty sand 4; cemented gravel 13; limestone 157.
Divd Con IV " 20	"	"	Jan. 16, 1953	10	115	147	3½	"	T	Abandoned. Top soil 1; grey sand clay 12; clay gravel boulders 25; weathered limestone 26; grey limestone 65; brown limestone 90; grey limestone 122; brown limestone 144; grey limestone 180; brown limestone 210; grey limestone 314; shale. Abandoned.
Divd Con V " 3	J. Gratiot	O. H. Gow	Apr. 1, 1954	4	10	15	12	"	D, In	Yellow clay boulders 28; limestone 10.
Divd Con V " 7	City of Guelph	International Water Supply	Feb. 15, 1953	12	200	85	8	"	P	Black muck 1; sandy gravel streaks of clay 27; brown limestone 31; dark-grey limestone 36; brown limestone 54; grey limestone 84; brown limestone 88; grey limestone 95; brown limestone 106; grey limestone 122; brown limestone 140; grey and brown limestone 254; white limestone 254; brown limestone 264; grey limestone 293. Gravel stones 60; sand 65; gravel stones 84; hard brown rock 125; hard black rock 150.
Divd Con VI " 15	G. Mackie	C. Hill	Aug. 21, 1953	4	10	70	15	"	D	Gravel 25; limestone 80; hard black rock 100.
Divd Con I " 1	A. Harvey	"	Apr. 6, 1953	4	10	30	20	"	D	Fill 4; hardpan 18; cemented gravel 43; grey limestone 89.
Divd Con II " 2	R. Penfold	"	Dec. 11, 1954	4	10	36	16	"	D	Clay 14; limestone 80; hard black rock 100.
Divd Con II " 3	I. Fuielen	"	Apr. 27, 1953	4	10	30	18	"	D	Clay loam 3; soft clay 27; fine sand 34; white limestone 120;
Divd Con II " 6	G. E. Smith	"	Jul. 12, 1954	4	10	40	24	"	D	hard black rock 141.
Divd Con I " 7	Ont. College of Agriculture	J. L. Graham	Mar. 30, 1953	10	220	128	40	Sulphur	Ir	Black top soil 1; clay stones 10; gravel stones 12; hardpan stones 40; gravel 41; hardpan stones 42; sand clay 56; gravel clay 69; grey rock 108; black rock 155; light-blue rock 175; dark-blue rock 208.
Divd Con II " 5	A. Ferarro	C. Hill	Oct. 24, 1953	4	10	75	75	Fresh	D	Hardpan 102; grey limestone 145; hard black rock 160.
Divd Con II " 5	J. Barnett	J. L. Graham	Jul. 16, 1954	4½	8	72	62	"	D	Top soil 1; clay stones 28; hardpan 31; clay stones 36; clay 52; hardpan 94; grey rock 116; black rock 123; grey rock 131; brown rock 137.
Divd Con III " 5	R. Fulkerson	"	Dec. 1, 1953	4½	7	48	28	Slightly Sulphur	D	Sand clay 11; blue clay boulders 26; clay hardpan 47; white rock 84; brown rock 101; black rock 108.
Divd Con III " 5	D. N. Huntley	"	Jan. 12, 1954	4½	3	81	21	Fresh	D	Sandy clay 10; boulders blue rock 22; hardclay 41; white rock 63; brown rock 83; black rock 86.
Divd Con III " 9	Ont. College of Agriculture	"	Apr. 23, 1953	10	406	95	57	"	Ir	Stony clay 4; gravel 14; sandy clay 40; clay little sand 67; brown rock 115; black rock 176; light-blue rock 200; blue and white rock 241; thole 244; grey rock 259; blue-grey rock 270; dark-blue rock 288.
Divd Con IV " 4	J. McKivior	C. Hill	Apr. 14, 1953	4	10	20	14	"	D	Gravel 25; sand 30; limestone 70; hard black rock 85.
Divd Con IV " 4	K. G. Ferrier	"	Dec. 2, 1953	4	10	20	12	"	D	Clay stones 10; gravel 31; limestone 65; hard black rock 84.
Divd Con IV " 4	R. Porterfield	J. L. Graham	Jun. 14, 1954	5	10	35	25	"	D	Top soil 1; sand little clay 37; light-brown limestone 65; black rock 112.
Divd Con IV " 5	H. Mason	"	Aug. 11, 1953	4	7	17	12	"	D	Sand 11; gravel clay stones 21; sandy clay 24; white rock 32; brown rock 88; black rock 90.
Divd Con IV " 5	J. Arnold	"	Aug. 15, 1953	4	7	19	15	"	D	Sand gravel 13; gravel stony gravel 22; sand blue clay 26; white rock 31; light-brown rock 53; dark-brown rock 90; black rock 92.
Divd Con IV " 6	V. A. Pryor	C. Hill	Jul. 9, 1953	4	10	17	17	"	D	Gravel 30; sand 48; limestone 85; hard black rock 100.
Divd Con IV " 6	L. Baker	J. L. Graham	Aug. 5, 1953	4	6	37	27	"	D	Top soil 4; fine gravel 9; silty sand 52; hardpan 55; white rock 94; light-brown rock 113; black rock 115.
Divd Con IV " 6	C. Beck	"	Aug. 24, 1953	4	10	18	16	"	D	Sandy gravel 12; brown clay gravel 24; gravel 29; sandy clay 34; fine silt sand 45; clay 48; white rock 60; dark-brown rock 99; black rock 103.

WELLINGTON COUNTY-cont.

Guelph Twp. cont.				C. Hill				Fresh				D			
Divg Con IV lot 6	A. Moore	H. Duffield	Apr. 21, 1954	4	10	50	15	"	14	30	15	D	Fine gravel 25; sand 48; white limestone 90; hard black rock 115.		
Divg Con V " 8	F. Fisher	J. L. Graham	Apr. 21, 1953	4	4	30	14	"	4			D	Dark top soil 2; gravel 8; sand gravel 14; clay 28; gravel 30; white rock 58; yellow sand rock 73; grey rock 84.		
Divg Con V " 8	L. Bush	"	May 29, 1953	4½	5		17	"	5			D	Top soil 2; gravel 9; sand gravel 14; clay 29; gravel sand 32; white rock 64; yellow rock 76; grey rock 90.		
Divg Con V " 9	"	"	Jul. 21, 1953	4½	5	57	47	Slightly Sulphur	5			D	Top soil 3; gravel stones 11; clay 24; sand gravel 29; clay hardpan 72; sand gravel 84; gravel 91; sandy clay 118; clay 157; fine sand 165; hardpan 168; black rock 202.		
Maryborough Twp.															
Con I lot 8	E. Linseman	C. Keeso	Mar. 15, 1954	4	14	64	62	Fresh	14			D, S	Black soil 6; blue clay 90; hardpan 101; shale 110; limestone 130.		
Con III " 17	C. S. Koch	"	Dec. 17, 1954	4	12	86	87	"	12			D, S	Dug well 34; blue clay 115; sandy clay 130; shale 150; limestone 180.		
Con VI " 12	W. Necker	F. L. Davidson	May 10, 1954	4	10	91	68	"	10			D, S	Hard brown clay boulders 195; limestone 223.		
Con VII " 17	R. Simmons	"	Jun. 19, 1954	4	6	100	86	"	6			D, S	Clay 40; sand 52; hardpan clay stones 120; loose shale 156; soft rock 180.		
Con IX " 9	United Church	J. E. Murray	Aug. 26, 1953	4	8	50	41	"	8			P	Top soil 3; clay boulders 137; limestone 189.		
Con IX " 9	School SS #12	"	Jun. 16, 1954	3½	7	35	32	"	7			P	Top soil 3; yellow clay stones 72; shale 84; limestone 137.		
Con IX " 9	C. Elliot	"	Jul. 29, 1954	4	7	30	24	"	7			D, S	Top soil 3; yellow clay boulders 70; red shale 90; limestone 126.		
Con IX " 13	D. McIsaac	"	Nov. 4, 1953	4	8	60	60	"	8			D, S	Top soil 3; gravel 20; clay boulders 80; yellow clay 127; limestone 175.		
Con XIII " 1	E. Crozier	F. L. Davidson	Sep. 2, 1953	4	10	40	32	"	10			D	Till 68; clay 81; gravel 90; rock 138.		
Con XIII " 5	A. Rennie	"	Aug. 6, 1954	4	15	60	52	"	15			D, S	Clay 23; clay gravel 69; sand 82; limestone 121.		
Con XIV " 5	M. Giles	J. E. Murray	Sep. 10, 1954	4	7	25	22	"	7			D, S	Top soil 2; yellow clay small boulders 68; limestone 121.		
Winto Twp.															
Con C lot 90	H. Fingold	E. A. Keeso	Jun. 3, 1953	4	15	30	28	Fresh	15			P	Black top soil 5; blue clay 25; hardpan 50; shale 80; blue limestone 109.		
Con C " 90	G. McCague	"	Aug. 11, 1953	4	12	28	24	"	12			S	Clay 12; gravel 28; hardpan 62; shale 88; blue rock 140.		
Con D " 96	J. Oyksterhuis	"	Nov. 10, 1953	4	12	22	19	"	12			D, S	Dug well 40; shale 62; blue limestone 120.		
Con D " 107	O. Greenwood	"	Sep. 17, 1953	4	12	22	20	"	12			D, S	Dug well 20; clay gravel 61; white shale 78; blue limestone 107.		
Con I " 26	C. Sellar	C. Keeso	Dec. 17, 1953	4	14	24	22½	"	14			D, S	Clay 40; hardpan 70; gravel clay 82; sand 86; limestone 130.		
Con II " 22	G. Storey	"	May 28, 1954	4	14	33½	31	"	14			D, S	Top soil 3; sand 21; clay 50; sandy clay 80; shale 90; red rock 112		
Con VII " 5	School SS #12	E. A. Keeso	Aug. 18, 1954	4	13	28	28	Fresh	13			P	Gravel clay 26; blue clay 51; blue shale 87; blue limestone 103; blue-grey limestone 140.		
Con IX " 13	C. Webber	"	Nov. 16, 1954	4	11	14	13	"	11			D, S	Clay boulders 38; brown and blue shale 71; hard blue limestone 107		
Con XIV " 26	C. Newman	"	Jun. 15, 1954	4	12	36	34	"	12			D, S	Dug well 28; gravel clay 62; shale 74; brown rock 128.		
Con XV " 42	E. Schaus	"	Nov. 28, 1953	4	12	27	26	"	12			D, S	Clay 20; hardpan boulders 88; shale 95; hard brown and black rock 128.		
Mount Forest															
Town of Mount Forest	J. L. Graham	"	Mar. 12, 1953	12	300	102	34	Fresh				P	Clay 3; yellow sand 26; hardpan stones 92; coarse gravel 125; blue clay 128; blue rock 145; brown rock 192; yellow limestone 199; blue-white rock 242; white rock 320; shale rock 325.		
Nichol Twp.															
Con I " 9	H. Cassie	O. H. Gow	Sep. 10, 1953	4	10	24	23	Fresh	10			P	Clay 7; limestone 128.		
Con I " 12	K. Marshall	"	Apr. 8, 1953	4	10	50	40	"	10			P	Soft clay boulders streaks of fine gravel 68.		
Con I " 12	D. Elgie	"	Feb. 15, 1954	4	8	60	50	"	8			C	Sand clay boulders 70; limestone 164.		
Con VI " 3	J. Gilman	C. Hill	Jul. 16, 1953	4	10	60	60	"	10			D, S	Clay loam 3; hardpan 60; gravel 90; sand 96; limestone 158.		
Con VII " 10	R. Kitchen	O. H. Gow	Dec. 19, 1953	4	3	20	6	"	3			D	Yellow clay 30; yellow clay boulders 50; limestone 122.		
Con VII " 5	J. Cain	"	Aug. 5, 1953	4	10	31	30	"	10			D	Clay 50; limestone 109.		
Con XI " 1	G. Bosomworth	"	Apr. 10, 1954	4	10	5	0	"	10			D, S	Hard brown clay boulders 182; gravel 235; sand 248; limestone 257.		
Con XI " 13	O. H. Gow	"	Dec. 2, 1953	4	10	120	36	"	10			D	Yellow clay boulders 12; gravel boulders 27; limestone 83.		
Con XI " 16	W. N. Johnston	"	Nov. 2, 1953	4	6	15	20	"	6			D	Limestone 25.		
Con XI " 16	J. D. Mackenzie	C. Hill	Nov. 29, 1954	4	10	80	36	"	10			D	Top soil 4; fine sand 21; rough gravel 38; white limestone 108.		
Con XI " 18	W. Stafford	"	Mar. 13, 1953	4	10	80	55	"	10			D	Clay loam 20; gravel 70; limestone 200.		

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WELLINGTON COUNTY										
cont.										
Nichol Twp. cont.										
Con XI lot 18	F. Keating	J. R. Sprowl	Jan. 25, 1953	4	8	27	27	Fresh	D	Coarse gravel 40; limestone 66.
Con XII " 18	J. Buchan	C. Hill	Jul. 30, 1954	4	10	80	45	"	D	Dug well 29; hard grey limestone 160; white limestone 199.
Con XII " 18	L. Bowman	O. H. Gow	Aug. 20, 1953	4	10	23	22	"	D	Clay 50; limestone 119.
Con XV " 20	C. Allan	"	Dec. 31, 1954	3	5	100	0	"	D	Old well 40; hardpan gravel 120; fine sand 220; gravel 221.
GRSE DP " 5	O. Hansen	C. Hill	Mar. 9, 1954	4	10	70	35	"	D, S	Gravel large stones 29; white limestone 126.
Peel Twp.										
Con I lot 18	Riverside Feed Mills	G. L. Davidson	Aug. 6, 1954	4 1/4	10	60	54	Fresh	In	Clay 10; hardpan 99; sand gravel 136; hardpan 156; sand gravel 165; shale 178; limestone 208.
Con I " 19	C. Frubacher	J. Sauder	Jun. 26, 1954	4	15	85	75	"	D	Top soil 2; brown clay 8; blue clay 110; soft black clay 111; brown clay sand 135; red clay stones 165; coarse sand clay 173; brown limestone 212; red shale 216; blue rock 225.
Con III " 8	A. Metzger	F. L. Davidson	Nov. 18, 1953	4	12	80	70	"	D, S	Clay sand boulders 136; rock 173.
Con III " 19	A. Eby	J. Sauder	Jun. 7, 1954	4	10	60	35	"	D, S	Open hole 4; stones 10; blue clay 70; sand 73; blue clay 140; rock 164.
Con V " 11	M. Gingrich	G. L. Davidson	Aug. 21, 1954	4	10	85	85	"	D, S	Old well 16; hardpan 62; clay 65; hardpan 165; sand 172; hardpan 195; shale 201; limestone 220.
Con VII " 16	E. Bauman	F. L. Davidson	Mar. 20, 1954	4	6	100	78	"	D, S	Clay streaks of gravel 163; limestone 201.
Con VII " 18	A. M. Weber	"	Jul. 4, 1953	4	10	60	48	"	D, S	Clay 50; till 200; blue shale 211; brown limestone 232.
Con XIV " 10	School	D. H. Gow	May 16, 1953	4	5	260	60	"	P	Brown clay 40; sand 220; gravel 260.
Con XV " 10	A. Arnold	F. L. Davidson	Sep. 18, 1954	4	10	85	78	"	D, S	Hardpan 22; sand 35; clay stones 62; sand 124; hard clay 148; sand 160; hardpan stones 228; gravel 241; blue clay 230; hard clay 300; marl 338; sand 350; red clay 376; gravel 391.
Pilkington Twp.										
GRE Con II lot BF	Grand Valley Authority	C. Hill	Apr. 3, 1954	4	15	40	4	Fresh	P	Rough gravel 6; shale 16; hard grey rock 95; white limestone 137.
GRE Con IV " 9	McKim & Hewittson	J. L. Graham	Mar. 12, 1954	4 1/4	7	52	42	"	D, S	Top soil 2; sandy clay 80; gravel 82; sandy clay 114; gravel 118; sandy clay 120; gravel 125; grey rock 180; brown rock 264.
GRE Con IV " 9	School SS #5	"	Apr. 2, 1954	5	7	50	36	"	P	Top soil 2; sandy clay 18; stony clay 20; sand gravel 90; sand 100; sand gravel 106; blue rock 140; grey rock 173.
GRW Con IV " 1	A. C. Wagner	G. L. Davidson	May 22, 1954	4	10	60	60	"	D, S	Clay sand 166; fine sand gravel 205; clay 207; fine sand 245; limestone 288.
GRW Con IV " 2	M. Shantz	J. Sauder	Jan. 27, 1953	4	14		70	"	D	Top soil 2; yellow clay stones 8; hardpan stones 50; blue clay stones 75; hardpan boulders yellow clay 130; hardpan 210; yellow clay fine silt 255; hardpan 270; brown hard sand 280; coarse cemented sand 302; blue soapstone 306; hard rock 318; rock 319.
Puslinch Twp.										
Con V lot 5	L. Gilmour	O. H. Gow	Sep. 24, 1954	4	10	50	30	Fresh	P	Sand boulders 96; soft grey clay 104; fine sand 107; gravel 108.
Con V " 6	McIlwraith & Bards	J. L. Graham	Jun. 8, 1953	5	10	60	50	"	D	Sand 35; sand clay stones 52; brown rock 127; white limestone 140.
Con V " 6	W. M. Brown	C. Hill	Jun. 3, 1954	4	10	40	25	"	D	Coarse gravel 32; yellow limestone 104.
Con V " 6	R. McLaren	O. H. Gow	Oct. 7, 1954	4	10	22	20	"	D	Dug well 20; limestone 72.
Con V " 15	P. K. Grieg	J. L. Graham	Mar. 16, 1954	4	7 1/2	30	25	"	D	Gravel stones 11; sand 15; clay gravel stones 21; gravel stones 32; brown rock 34; white rock 91; brown rock 106; black rock 107.
Con V " 16	G. Green	"	Oct. 13, 1953	6 1/4	8	15	14	"	D	Clay stones 15; coarse gravel 22.
Con VI " 14	V. G. Hatherly	"	Oct. 26, 1953	4 1/4	6	80	44	"	D	Top soil 2; stones clay 20; gravel 135; sandy clay 71; hard sand 82; white limestone 134; black rock 144.
Con VI " 15	J. Hanlon	J. L. Graham	Jun. 10, 1953	4	7	44	34	"	D	Top soil 3; gravel stones 75; hardpan clay 19; sand little clay 21; clay 51; gravel small stones 54; sandy hardpan 35; white rock 118; yellow sand rock 136.

WELLINGTON COUNTY-cont.

Puslinch Twp. cont.	B.H.MacNeill	J.L.Graham	Dec. 8, 1954	5	7	57	47	Fresh	D
Con VII	"	"	Oct. 14, 1953	4	3	40	17	"	D
Con VII	J.Cox	"	Oct. 14, 1953	4	3	40	17	"	D
Con VII	"	"	Nov. 19, 1953	6	5	32	28	"	D
Con VII	"	"	Dec. 21, 1953	6½	3	70	52	"	D
Con VII	C.Hall	"	Sep. 28, 1954	7	23	70	23	"	D
Con VII	W.J.Clarke	J.L.Graham	Oct. 1, 1954	4	8	48	38	"	D
Con VII	"	"	Nov. 11, 1953	4½	6	70	40	"	D
Con VII	United Church	"	Sep. 4, 1953	5	7	26	23	Slightly Sulphur	D
Con VIII	G.Boreham	"	Aug. 16, 1954	4½	7	22	20	Fresh	D,S
Con VIII	J.F.White	"	Apr. 19, 1954	5	10	60	36	"	D
Con VIII	L.Hoffman	"	Jun. 24, 1954	4½	8	61	34	"	D
Con VIII	"	"	Jun. 29, 1954	4½	10	28	28	"	D
Con VIII	A.Ralston	"	Jul. 5, 1954	4½	6	74	34	"	D
Con VIII	H.Korkorian	"	Oct. 16, 1954	4	10	42	36	"	D
Con VIII	E.Dempsey	C.Hall	Dec. 24, 1954	4½	10	44	34	"	D
Con VIII	E.Arter	J.L.Graham	Jun. 28, 1954	4½	4	70	40	"	D
Con VIII	E.Arris	"	Sep. 14, 1953	4	10	10	7	"	D
Con VIII	G.Bowman	O.H.Gow	Jun. 2, 1954	4	5	Flows	10	"	D
Con VIII	G.Black	J.L.Graham	W.J.Clark	4½	10	25	10	"	D
Con VIII	"	C.Hall	W.J.Clark	4½	10	25	10	"	D
Con VIII	L.Broadhead	J.L.Graham	Jul. 8, 1954	4½	10	26	16	"	D,S
Con IX	"	"	Oct. 15, 1954	4	6	100	30	"	D
Con IX	C.Wearing	C.Hall	Aug. 26, 1954	4	10	25	21	"	D
Con IX	L.Hodge	"	May 12, 1953	6½	6	50	38	"	D,S
Con IX	G.Lasby	J.L.Graham	Jul. 20, 1953	4	5	29	9	"	D
Con IX	"	"	Sep. 16, 1953	4	10	100	40	"	D
Con IX	L.Metcalf	C.Hall	Feb. 24, 1954	5	3	37	18	"	D
Con X	K.W.Roberts	J.L.Graham	Oct. 20, 1953	6	5	12	30	Fresh	D
Gore	B.Hunter	C.Goodyberry	Oct. 21, 1954	6½	12	30	18	"	D
Gore	Duff	W.Packham	Oct. 24, 1954	6½	17	15	2	"	D
West Garafrara Twp.	"	"	Dec. 15, 1953	4	7	35	32	Fresh	D
Con I lot	J.Lillie	O.H.Gow	Dec. 12, 1953	4	10	32	32	"	D
Con I	Riddell	"	Jun. 26, 1954	4	10	18	18	"	D
Con III	A.Watkins	C.Hill	Jul. 1, 1954	4	10	12	10	"	D
Con III	"	O.H.Gow	Nov. 10, 1953	4	14	75	56	Fresh	D,S
West Luther Twp.	"	"	Mar. 26, 1954	4	25	12	10	"	D
Con II lot 10	W.Orr	F.L.Davidson							
Con X	Farmers Co-Op	F.H.McInhan							

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY Ancaster Twp.										
Con I	J. Wesley	I.L.Davis	Jul. 1, 1953	6			100	Fresh	S	Blue clay 140; limestone 180.
Con I	T. Herman	A.B.Clark	Oct. 23, 1953	6 1/4	10	30	25	"	D	Top soil 2; yellow clay 4; limestone 65.
Con II	W. Bartles	I.L.Davis	May 24, 1954	6 1/4	3	70	30	"	D	Blue clay 140; limestone 150.
Con II	Village of Ancaster	S.R.Gill	Jul. 5, 1954	6 1/4	15	100	64	"	P	Sandy soil 35; boulders 38; sand pebbles 46; gravel 48; grey clay 68; gravel 72; gravel 135; sand silt 170; clay gravel 202; hardpan 218.
Con II	Ancaster Public Utilities Comm	International Water Supply Ltd.	Jul. 25, 1954	4	30	63 1/2	61 1/2		T	Red clay 18; hard packed sandy red clay 61; flat boulders gravel blue clay streaks 66; boulders gravel sand 69; fine gravel loose sand 71; fine sand blue clay 73; cemented sand gravel boulders 75; broken gravel boulders sand red and blue clay streaks 84; soft blue clay 83; blue clay gravel 92.
Con II	J. Pahlenbach	A.B.Clark	Aug. 16, 1954	6 1/4	40	80	75	Fresh	P	Yellow clay 158; limestone 165.
Con II	Twp. Ancaster	Water Supply	Aug. 6, 1953	10	50	52	14	"	P	Clay 7; clay gravel 18; limestone 74 1/2.
Con II	Vlg. Ancaster	S.R.Gill	Jul. 12, 1954	6 1/4	75	30	10	"	P	Brown clay gravel 30; quicksand 37; gravel 42; boulders 66; brown clay pebbles 67; limestone 82.
Con II	A. Thorburn	A.B.Clark	Nov. 20, 1954	6 1/4	7	30	24	"	D	Clay 30; limestone 48.
Con II	C. Horsley	D/M Ashbaugh	Nov. 16, 1953	6 1/4	15	50	30	"	P	Top soil 1; yellow clay 11; limestone 70.
Con II	M. MacDonald	A.B.Clark	Jun. 22, 1954	5 1/2	13	6	5	"	D	Yellow clay 7; limestone 59.
Con II	B. Riegler	A.B.Clark	Jul. 12, 1954	6 1/4	10	30	27	"	D	Brown clay 37; limestone 37 1/2.
Con II	F. Kemp	Embleton & Son	Aug. 13, 1954	6 1/4	3	57	24	"	D	Brown clay fill 2; dark clay loam 3; brown and grey clay with light and dark streaks 19; blue clay 26; grey limestone 47; very white limestone 59.
Con II	HA/AD Cox	S.R.Gill	Nov. 8, 1954	6 1/4	5	26	15	"	D	Top soil 2; brown clay 16; limestone 30.
Con II	A. MacArthur	D/M Ashbaugh	Oct. 20, 1953	5 1/2	5	18	16	"	S	Top soil 20; limestone 42.
Con III	M. Ward	I.L.Davis	Jan. 15, 1953	5 1/2	1	100	20	"	S	Blue clay 145; bedrock 175.
Con III	E. Atcheson	A.B.Clark	Oct. 30, 1953	6	10	50	30	"	D	Top soil 1; yellow clay 11; limestone 130.
Con III	J. Weston	S.W. Merritt	Nov. 27, 1954	6 1/4	1	140	50	"	D	Clay 20; quicksand clay 115; Niagara rock 140.
Con III	H. Smith	A.B.Clark	Oct. 10, 1953	6 1/4	15	15	15	"	D	Top soil 1; yellow clay fine sand 100; limestone 103.
Con III	C. Marshall	"	Dec. 28, 1953	6 1/4	3	40	33	Sulphur	D	Sandy loam 108; limestone 150.
Con III	W.E. Shavir	"	Apr. 15, 1954	6 1/4	4	30	24	Fresh	D,S	Sandy loam 108; limestone 150.
Con III	C. Dunbrak	H.E. Cross	Jul. 20, 1953	5 1/2	4	30	24	"	D	Yellow clay 65; quicksand 105; limestone 130.
Con III	Barton Realty	I.L.Davis	Dec. 3, 1954	6 1/4	1	100	55	"	D,S	Yellow clay 100; limestone 110.
Con III	"	W. Packham	Dec. 3, 1954	6 1/4	2	188	100	"	D,S	Old well 100; sand clay 145; brown limestone 185.
Con III	Vlg. Ancaster	S.R.Gill	Jun. 18, 1954	6 1/4	6	150	140	"	"	Brown clay stones 35; fine sand 75; quicksand 85; sandy clay 155; limestone 188. Not enough water for village use.
Con III	"	"	Mar. 25, 1954	6 1/4	3	137	130	"	"	Brown stony clay 15; sandy clay 33; quicksand 100; blue clay 113; fine gravel 118; limestone 150. Not enough water for village use.
Con III	"	"	Apr. 13, 1954	6 1/4	3	137	130	"	"	Brown clay stones 16; sandy clay 40; quicksand 101; blue clay 114; fine gravel 124; limestone 137; Not enough water for village use.
Con III	"	"	Apr. 27, 1954	6 1/4	2	130	125	"	"	Brown clay stones 20; sandy clay 40; quicksand 100; gravel sand 116; fine gravel 123; limestone 130. Not enough water for village use.
Con III	"	"	May 10, 1954	6 1/4	3	100	90	"	"	Brown clay 17; sand clay 39; quicksand 90; limestone 100.
Con III	"	"	Apr. 30, 1954	6 1/4	6	140	90	"	"	Not enough water for village use.
Con III	"	"	Jun. 10, 1954	6 1/4	2	74	50	"	"	Brown clay 25; quicksand 33; hardpan 48; blue clay 92; fine gravel 119; limestone 140. Not enough water for village use.
Con III	H. Thomas	A.B.Clark	Jul. 1, 1954	6 1/4	5	25	20	"	D	Brown clay 80; limestone 104.
Con III	E.L. Colwell	A.B.Clark	Feb. 19, 1953	6 1/4	1	107	18	"	D	Brown clay 42; limestone 49.
Con IV	J. Telfer	R. Featherstone	Feb. 19, 1953	5	1	107	18	"	D	Yellow clay 20; blue clay some sand 100; stones blue clay 105; grey limestone 107.

WENTWORTH COUNTY-cont.
Ancaster Twp.-cont.

Con IV	lot 21	J. Paluck	R. Featherstone	Mar. 25, 1953	5	2	139	23	Sulphur	P	Yellow clay 15; blue clay sand streaks few stones 112; grey limestone 129; shale 130; grey limestone 137; white limestone 139.
Con IV	"	22	W. Ferguson	Jan. 30, 1954	6	3	51	40	Fresh	S	Hard brown clay 20; blue clay 115; blue rock 120.
Con IV	"	31	A. B. Clark	Oct. 8, 1954	6	10	19	19	"	S	Clay 80; limestone 94.
Con IV	"	33	I. L. Davis	May 1, 1954	6	13	60	40	"	P	Hard brown clay 20; blue clay 100; limestone 105.
Con IV	"	34	R. Featherstone	Jan. 4, 1954	6	14	32	32	"	S	Yellow clay 16; blue clay streaked with sand 92; limestone 99.
Con V	"	36	A. B. Clark	Nov. 15, 1954	6	8	30	28	Sulphur	D, S	Clay 90; limestone 178.
Con VI	"	36	W. E. Shaver	May 8, 1953	5	2	47	32	Fresh	D, S	Yellow clay 16; sand 21; blue clay sand streaks 74; gravel little clay 78.
Barton Twp.											
Con VI	lot 13	C. Hannah	D & M Ashbaugh	Jul. 21, 1953	5	4	12	9	Sulphur	D	Top soil 17; limestone 25.
Con VI	13	G. Cartbridge	H. E. Cross	Dec. 15, 1953	5	3	12	12	"	In	Top soil 18; limestone 29.
Con VI	"	E. Jones	D & M Ashbaugh	Mar. 17, 1953	5	3	20	17	Fresh	D	Yellow clay 10; hard grey limestone 39.
Con VI	"	A. Cooper	A. B. Clark	Jun. 1, 1953	6	6	6	10	Sulphur	D	Top soil 2; limestone 17.
Con VI	"	J. Bathune	"	Jul. 14, 1953	6	15	10	8	"	D	Top soil 1; yellow clay 7; limestone 26.
Con VI	"	"	"	Jul. 24, 1953	6	15	12	7	"	D	Top soil 1; yellow clay 10; limestone 38.
Con VI	"	"	"	Sep. 7, 1953	6	15	12	10	"	D	Top soil 1; yellow clay 17; limestone 39.
Con VI	"	O. Towson	H. E. Cross	Mar. 25, 1953	5	2	15	12	"	D	Yellow clay 6; medium grey limestone 22.
Con VI	"	R. Gibbs	"	Jun. 5, 1953	5	10	14	12	"	D	Yellow clay 19; hard grey limestone 27.
Con VI	"	L. Wasylun	W. Packham	Aug. 27, 1953	5	10	14	12	"	D	Clay 11; hard limestone 24.
Con VI	"	W. Coombs	H. E. Cross	Nov. 21, 1953	5	10	14	12	"	D	Clay 8; limestone 24.
Con VI	"	W. Derkach	"	Feb. 4, 1954	6	17	10	4	"	D	Brown clay 12; limestone 22.
Con VI	"	M. Craig	W. Packham	Feb. 10, 1954	6	17	10	4	"	D	Clay 10; shale rock 12; solid limestone 24.
Con VI	"	J. Werner	"	Feb. 19, 1954	6	12	25	3	"	D	Clay 10; shale 4; limestone 27.
Con VI	"	K. Korobkin	"	Feb. 25, 1954	6	12	25	10	"	D	Clay 22; limestone 30.
Con VI	"	J. MacDonald	H. E. Cross	May 12, 1954	5	8	16	14	"	D	Yellow clay 22; limestone 32.
Con VI	"	Grzegorzewski	"	Jun. 7, 1954	5	3	15	13	"	D	Yellow clay 21; limestone 26.
Con VI	"	R. Flohrer	"	Jul. 8, 1954	5	3	20	15	"	D	Yellow clay 31; limestone 38.
Con VI	"	H. Weber	"	Oct. 18, 1954	5	3	12	6	"	D	Clay 11; limestone 28.
Con VI	"	G. Bruselema	"	Dec. 3, 1954	5	3	22	18	"	D	Clay 8; limestone 37.
Con VI	"	A. Waise	A. B. Clark	Apr. 17, 1953	6	15	12	8	"	D	Top soil 2; yellow clay 18; limestone 32.
Con VI	"	R. Jardine	H. E. Cross	Jul. 26, 1953	6	4	22	20	"	D	Clay 6; limestone 63.
Con VI	"	W. Coombs	W. Packham	Feb. 9, 1953	6	8	12	10	"	D	Clay 8; limestone 21.
Con VII	"	S. Thompson	D & M Ashbaugh	Jul. 16, 1953	6	10	42	16	"	D	Top soil 34; limestone 48.
Con VII	"	A. Quinn	A. B. Clark	Aug. 8, 1954	6	10	30	20	"	D	Brown clay 5; limestone 50.
Con VII	"	D. Quinn	R. Embleton & Son	Dec. 2, 1953	6	3	36	25	"	D	Very dark clay loam 1; loose shell rock 1; hard grey limestone 43
Con VII	"	G. Gee	A. B. Clark	Jul. 12, 1954	6	3	40	20	"	D	Brown clay 7; limestone 65.
Con VII	"	V. Babbat	"	Aug. 2, 1954	6	10	20	15	"	D	Clay 4; limestone 67.
Con VII	"	J. Gardner	"	Aug. 5, 1954	6	10	45	40	"	D	Clay 5; limestone 67.
Con VII	"	G. Bethune	"	Nov. 5, 1953	6	15	10	10	"	D	Top soil 1; yellow clay 9; limestone 45.
Con VII	"	W. d. Ratmore	W. Packham	Jun. 24, 1954	6	15	10	10	"	D	Clay 12; limestone 33.
Con VII	"	J. Rowe	H. E. Cross	Jul. 15, 1954	5	5	10	8	"	D	Yellow clay 18; limestone 24.
Con VII	"	J. Scott	"	Jul. 19, 1954	5	5	12	8	"	D	Yellow clay 18; limestone 22.
Con VII	"	D. Simmons	"	Aug. 21, 1954	5	5	20	8	"	D	Top soil 1; clay 6; limestone 49.
Con VII	"	J. Webb	"	Oct. 1, 1953	5	4	10	6	"	D	Yellow clay 6; grey limestone 43.
Con VII	"	D. O. Bennett	R. Embleton & Son	Mar. 22, 1954	6	25	35	18	"	D	Dark clay loam 3; brown clay loam 2; brown clay odd stone 5;
Con VII	"	"	"	Jul. 6, 1954	6	1	25	25	"	P	Hard grey limestone 50.
Con VII	"	J. Bathune	D & M Ashbaugh	Feb. 23, 1953	6	1	40	30	"	D	Brown clay limestone 45.
Con VII	"	L. Beck	A. B. Clark	Apr. 7, 1953	6	15	10	10	"	D	Top soil 1; yellow clay 7; limestone 55.
Con VII	"	W. Knowles	H. E. Cross	Apr. 15, 1953	6	15	3	14	"	D	Top soil 2; yellow clay 20; limestone 37.
Con VII	"	W. Richardson	"	Apr. 20, 1953	6	3	20	16	"	D	Yellow clay 28; hard grey limestone 38.
Con VII	"	W. Deljean	A. B. Clark	Aug. 12, 1953	6	13	35	26	"	D	Yellow clay 30; hard grey limestone 40.
Con VII	"	W. Tanner	S. R. Gill	Oct. 19, 1953	6	3	45	34	"	D	Top soil 2; yellow clay 6; limestone 60.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENWORTH COUNTY-cont										
Barton Twp.-cont.										
Con VII lot 15	G. Ross	S.R. Gill	May 27, 1954	6 1/2	10	28	28	Fresh	D	Top soil 4; limestone 45.
Con VII " 15	J. Bethune	A.B. Clark	Sep. 22, 1954	6 1/2	25	15	15	"	D	Brown clay 20; limestone 45.
Con VII " 16	H. Hall	"	May 12, 1953	6 1/2	5	35	25	"	D	Top soil 1; yellow clay 10; limestone 50.
Con VII " 16	F. Bishop	W. Packham	Jun. 10, 1953	6 1/2	8	50	20	"	D	Hard clay 6; limestone some shale 50.
Con VII " 16	A.B. Clark	"	Sep. 16, 1953	6 1/2	3	10	10	"	D	Top soil 1; yellow clay 5; limestone 50.
Con VII " 16	J. Marron	S.R. Gill	Feb. 15, 1954	6 1/2	6	12	8	"	D	Clay 5; limestone 50.
Con VII " 16	G. Bentley	"	May 26, 1954	6 1/2	10	22	22	"	D	Top soil 6; limestone 40.
Con VII " 16	School	A.B. Clark	May 28, 1954	6 1/2	4	15	10	"	P	Top soil 6; limestone 52.
Con VII " 16	G. Bentley	S.R. Gill	Jun. 1, 1954	6 1/2	10	23	23	"	D	Brown clay 11; limestone 42.
Con VII " 16	"	"	Jun. 1, 1954	6 1/2	12	22	22	"	D	Clay 5; limestone 42.
Con VII " 17	"	"	Jun. 15, 1954	6 1/2	3	20	15	"	D	Yellow clay 10; hard grey limestone 50.
Con VII " 19	H.E. Cross	"	Mar. 12, 1953	5 1/2	15	13	12	"	D	Yellow clay 19; limestone 40.
Con VII " 21	G. Cooley	D & M Ashbaugh	Jun. 15, 1954	5 1/2	13	15	15	"	D	Clay 23; limestone 35.
Con VII " 21	C. Ellis	W. Packham	Jun. 30, 1953	6 1/2	13	25	18	"	D	Clay 25; quicksand 53; Niagara limestone 60.
Con VII " 21	J. Morton	"	Apr. 30, 1953	6 1/2	17	25	18	"	D	Yellow clay 11; limestone 40.
Con VII " 21	G. Hillis	D & M Ashbaugh	May 5, 1954	5 1/2	15	10	10	"	D	Old well 37; limestone 53.
Con VII " 2	A. May	"	Jun. 7, 1954	6 1/2	1	50	40	Sulphur	D	Brown clay 7 1/2; limestone 27.
Con VII " 2	J. Scharring	A.B. Clark	Jun. 7, 1954	6 1/2	5	15	10	"	D	Top soil 1; yellow clay 3; limestone 22.
Con VII " 5	J. Chaapel	"	May 12, 1953	6 1/2	3	15	10	"	D	Top soil 1; yellow clay 13; limestone 47.
Con VII " 5	A. Madill	"	Mar. 18, 1953	6 1/2	15	14	14	"	D	Yellow clay 12; limestone 32.
Con VII " 5	G. Schieder	D & M Ashbaugh	Jun. 9, 1954	6 1/2	17	48	40	"	D	Clay 6; Niagara rock 89.
Con VII " 5	J. Terbutt	S.W. Merritt	Oct. 13, 1954	6 1/2	15	40	20	"	D	Top soil 1; yellow clay 7; limestone 46.
Con VII " 6	J. Kennedy	A.B. Clark	Sep. 25, 1953	6 1/2	14	25	20	"	D	Brown clay 25; limestone 55.
Con VII " 6	J. Crockett	"	Jun. 3, 1954	6 1/2	15	35	20	"	D	Brown clay 4; limestone 55.
Con VII " 6	"	"	Jun. 4, 1954	6 1/2	15	30	28	"	D	Brown clay 12; limestone 53.
Con VII " 6	J. Baker	"	Jun. 25, 1954	6 1/2	15	30	28	"	D	Top soil 1; yellow clay 5; limestone 45.
Con VII " 7	W.R. Seville	"	Dec. 9, 1953	6 1/2	15	10	10	"	D	Clay 6; limestone 50.
Con VII " 7	E. Baxter	"	Jun. 28, 1954	6 1/2	30	25	15	"	D	Top soil 1; yellow clay 7; limestone 52.
Con VII " 8	E. Scrivin	"	Jan. 22, 1953	6 1/2	40	25	15	"	D	Top soil 3; yellow clay 10; limestone 45.
Con VII " 8	J. Fick	"	Feb. 18, 1953	6 1/2	20	8	7	"	D	Top soil 3; yellow clay 5; limestone 45.
Con VII " 8	G. Johnson	"	Aug. 21, 1953	6 1/2	15	12	10	"	D	Top soil 1; yellow clay 12; limestone 47.
Con VII " 8	A. Greaves	"	Dec. 21, 1953	6 1/2	19	12	10	"	D	Top soil 1; yellow clay 13; limestone 49.
Con VII " 8	J. Kaloop	"	Mar. 25, 1954	6 1/2	20	25	20	"	D	Brown clay 5; limestone 45.
Con VII " 8	J. Patafie	"	Oct. 26, 1954	6 1/2	50	25	15	"	D	Clay 10; limestone 45.
Con VII " 8	R. Rae	"	Dec. 15, 1954	6 1/2	3	40	15	"	D	Clay 13 1/2; limestone 47 1/2.
Con VII " 8	G. Chatten	"	Dec. 24, 1954	6 1/2	15	25	20	"	D	Top soil 1; yellow clay 10; limestone 36.
Con VII " 9	M. Wasulensky	"	Jul. 27, 1953	6 1/2	10	20	0	"	D	Brown clay 14; limestone 37.
Con VII " 9	E. Daniels	"	May 6, 1954	5 1/2	35	20	17	"	D	Brown clay 43; limestone 48.
Con VII " 12	I. Parrish	H.E. Cross	Jan. 6, 1954	5 1/2	35	20	15	"	D	Brown clay 36; limestone 45.
Con VII " 12	W. Woodward	"	Jan. 8, 1954	5 1/2	35	20	15	"	D	Yellow clay 39; hard to medium grey limestone 40.
Con VII " 13	C. Olmsted	"	Apr. 10, 1953	5 1/2	3	20	12	"	D	Yellow clay 21; hard grey limestone 42.
Con VII " 13	E. Heinbecker	"	Feb. 28, 1953	5 1/2	3	20	12	"	D	Clay 22; limestone 76.
Con VII " 15	Texaco Oil Co.	"	Nov. 17, 1953	8	12	30	30	"	C	Brassy loam 10; brown clay 14; stone clay 20; limestone 80.
Con VII " 15	R. Skewes	"	Oct. 23, 1954	5 1/2	2	40	35	"	D	Yellow clay 20; limestone 63.
Con VII " 16	R. Watt	"	Jun. 4, 1954	5 1/2	2	50	30	"	D	Clay boulders 12; brown clay 28; limestone 30.
Con VII " 17	H. Roberts	D & M Ashbaugh	May 11, 1954	6 1/2	15	6	3	"	D	Yellow clay 42; limestone 49.
Con VII " 17	H. Bryce	S.R. Gill	Dec. 16, 1953	6 1/2	3	23	21	"	D	Yellow clay 55; limestone 61.
Con VII " 19	E. Martin	H.E. Cross	May 24, 1954	2 1/2	8	25	23	"	D	Yellow clay 40; limestone 61.
Con VII " 19	J. Schofield	"	May 24, 1954	2 1/2	8	35	30	"	D	Yellow clay 55; limestone 62.
Con VII " 19	J. Promfret	"	Jun. 11, 1954	5 1/2	8	30	20	"	D	Yellow clay 50; limestone 55.
Con VII " 19	M. Lowry	"	Jun. 15, 1954	5 1/2	7	15	12	"	D	Top soil 2; clay 52; limestone 58.
Con VII " 19	K. Speth	"	Jul. 26, 1954	5 1/2	7	15	12	"	D	

WENTWORTH COUNTY-cont.

Barton Twp. cont.	W. Webb	H.E. Cross	8	17	12	Fresh	D	Top soil 3; clay 52; limestone 58. Clay 44; limestone 53. Clay 40; limestone 46. Top soil clay 45; limestone 48. Brown clay 19; limestone 29. Sandy loam top soil 3; brown clay loam 5; brown clay odd stones packed sand seam 14; blue clay packed sand seams 80; hard grey limestone 86. Light sandy loam 2; brown sand 19; grey sand 40; grey sand clay streaks 51; clay grey sand stones 54; blue clay stones broken rock 56; grey limestone 65. Yellow clay 82; limestone 67.
Con VIII lot 19	J. Redler	"	7	12	10	"	D	Sand 125; sand clay silt 170; gravel 176. Dug well 22; brown clay 41; blue clay 50; brown clay 68; grey limestone 85.
Con VIII " 19	J. Chalmers	"	6	15	15	"	D	Clay sand 20; quicksand 64; Niagara rock 73.
Con VIII " 20	W. Davies	"	20	15	10	"	D	Brown clay pebbles 25; grey clay 32; limestone 61.
Con VIII " 20	D. Shaver	"	30	15	9	"	D	Hard brown clay 8; limestone 47.
Con VIII " 21	L.A. Noor	"	30	51	46	"	D	Sandy soil 2; light-blue clay 45; grey limestone 91.
Con VIII " 21	R. Elstone	"	25	33	28	"	D	Dug well 4; grey limestone 30.
Con VIII " 21	L. Rummary	"	15	32	32	"	D	Brownish limestone 36.
Con VIII " 21	R. George	"	17	50	35	Slight Sulphur	D	Soil 2; brown clay 20; brown limestone 50.
Con VIII " 24	B. James	"	12	20	20	Fresh	S	Heavy soil 2; brownish limestone 40.
Con VIII " 26	L. Smith	"	17	22	18	"	D	Brown soil 1; clay 4; brownish limestone 45.
Con VIII " 31	R. Dugan/Elhart	"	15	60	30	"	D	Brown clay 30; grey limestone 60.
Con VIII " 34	Dugan/Producer	"	6	35	35	"	D	Brown soil 2; brown clay 16; limestone 46.
Con VIII " 8	G. Jorrell	"	8	35	35	"	D	Grey limestone 22.
Con VIII " 33	D. Lyons	"	12	40	20	"	D	Dug well 25; brown clay 35; grey sand little clay 50; grey clay 60; hard grey limestone 78.
Con VIII " 16	B. James	"	5	12	18	"	D	Yellow clay 3; limestone 58.
Con VIII " 20	M. Roung	"	5	9	9	"	D	Sandy soil 2; brown clay 5; hard grey limestone 23.
Con VIII " 21	J. Bassett	"	5	12	16	"	D	Top soil 3; limestone 43.
Con VIII " 22	J. Graham	"	5	12	24	"	D	Soil 3; grey limestone 48.
Con VIII " 22	W. Gibson	"	5	12	24	"	D	Dark heavy soil 2; grey limestone 50.
Con VIII " 22	S. Riddel	"	5	13	13	"	D	Dug well 3; grey limestone 40.
Con VIII " 23	J. McLean	"	5	12	20	"	D	Soil 2; brown clay 17; soft grey limestone 25; hard blue rock 26.
Con VIII " 23	W. Taylor	"	5	12	18	"	D	Previously drilled 24; grey limestone 41.
Con IV " 25	J. Shuttler	"	5	12	18	Slight Sulphur	D	Dug well 24; grey limestone 60.
Con V " 36	N. Reynolds	"	5	12	8	Fresh	D	Soil 2; brown clay 16; limestone 46.
Con V " 1	G. Light	"	5	12	62	"	D	Grey limestone 22.
Con V " 4	B. Borsee	"	4	12	10	"	D	Brown limestone 20.
Con V " 12	M. Purdy	"	6	16	16	"	D	Dug well 25; brown clay 35; grey sand little clay 50; grey clay 60; hard grey limestone 78.
Con V " 13	F. S. James	"	6	12	10	"	D	Yellow clay 3; limestone 58.
Con V " 19	F. Leary	"	6	12	10	"	D	Sandy soil 2; brown clay 5; hard grey limestone 23.
Con V " 22	J. Toth	"	12	18	16	"	D	Top soil 3; limestone 43.
Con VI " 22	W. McMillan	"	4	18	23	"	S	Soil 3; grey limestone 48.
Con VI " 6	Community	"	5	12	35	"	S	Dark heavy soil 2; grey limestone 50.
Con VI " 6	Centre	"	5	12	17	"	P	Dug well 3; grey limestone 40.
Con VI " 6	Radkiewicz	"	5	18	17	"	P	Soil 2; brown clay 17; soft grey limestone 25; hard blue rock 26.
Con VI " 6	Wojniowicz	"	4	12	20	"	P	Previously drilled 24; grey limestone 41.
Con VI " 6	R. Smith	"	5	12	20	"	D, S	Dug well 24; grey limestone 60.
Con VI " 6	S. Mason	"	5	12	32	"	D	Soil 2; brown clay 16; clay stones 18; grey limestone 100.
Con VI " 7	D. Main	"	5	12	30	"	D	Drilled well 51; limestone 100.
Con VI " 7	A. Humphrey	"	6	14	12	"	D	Brown sandy soil 3; brown clay few stones 16; brownish limestone 24.
Con VI " 7	S. School S. #13	"	5	35	27	"	D	Brown soil 2; brown clay occasional boulders 13; brown limestone 23.
Con VI " 8	S. LeGrand	"	5	12	25	"	P	Dark soil 2; grey clay stones 9; grey limestone 111.
Con VI " 8	C. Main	"	6	10	8	"	D	Soil 2; clay fine gravel 8; grey limestone 54.
Con VI " 8	E. Smith	"	6	8	8	"	D	Top soil 2; limestone 42.
Con VI " 8	E. Smith	"	12	15	4	"	D	Top soil 2; limestone 41.
Con VI " 8	E. Smith	"	12	15	4	"	D	Dark soil 2; brown clay 8; grey limestone 35.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY-cont										
Beverly Twp. cont.										
Con VI lot 10	Sobisch Bros.	L. Purdy	May 15, 1954	5	18	12	8	Fresh	D	Pill rocks 3; brown clay 6; grey limestone 25.
Con VI " 25	J. Stieben	"	Dec. 4, 1953	5	12	22	22	"	D, S	Dark soil 2; brown clay stones 7; grey limestone 42.
Con VI " 30	E. Ellis	"	Nov. 14, 1953	5	12	16	16	"	D	Sandy soil 2; brown clay 14; grey limestone 39.
Con VII " 6	J. Whitaker	"	Oct. 25, 1954	5	12	20	15	"	D	Dug well 24; hard grey clay 30; clay gravel 42; gravel 45; clay gravel 52; grey limestone 65.
Con VII " 2	W. Myszor	"	Oct. 25, 1953	5	12	12	12	"	D	Cellar 4; grey limestone 25.
Con VII " 3	E. Salamon	S. R. Gill	Jul. 24, 1954	6 1/4	7	23	22	"	D, S	Gravel boulders 33; brown clay pebbles 56; sand gravel 58; limestone 75.
Con VIII " 14	W. Rykman	L. Purdy	May 21, 1953	5	12	12	9	"	D	Clay boulders 9; grey limestone 40.
Con VIII " 14	F. Henton	"	May 27, 1953	5	12	18	16	"	D	Soil 2; clay boulders 18; grey limestone 40.
Con VIII " 14	C. Gilmour	"	Jun. 5, 1953	5 1/2	12	20	12	"	D	Soil 2; clay boulders 11 1/2; grey limestone 40.
Con VIII " 17	Presbyterian	"	Apr. 30, 1953	5 1/2	6	20	18	"	D	Dark sandy soil 4; grey clay 16 1/2; hard grey limestone 65.
Con VIII " 19	M. Elvin	"	May 6, 1953	5 1/2	6	12	12	"	D	Dark sandy soil 3; grey clay 13; hard grey limestone 25.
Con VIII " 21	J. Jennings	"	Nov. 26, 1954	5 1/2	12	29	28	"	D	Dark soil 3; brown clay stones 23; grey limestone 50.
Con VIII " 30	E. Riukensum	E. Pegg	Aug. 18, 1954	4	12 1/2	9	8	"	D	Soil 1; stone clay 9; limestone 16; black rock 17.
Con IX " 5	J. Brown	C. Hill	Feb. 19, 1954	6	10	35	35	"	D, S	Gravel large stones 35; sand 75; gravel 88; white limestone 138.
Con IX " 9	J. Jansen	L. Purdy	Aug. 15, 1953	5	12	15	10	"	D	Dug well 15; grey sticky clay 45; fine gravel 52.
Con IX " 14	H. Fletie	"	Jun. 30, 1954	5	12	15	12	"	D	Dark heavy soil 2; brown clay 16; grey limestone 43.
Con IX " 16	A. Zimmerman	"	Jun. 5, 1954	5	18	8	11	"	D	Grey limestone 25.
Con IX " 35	W. Hall	E. Pegg	Aug. 10, 1954	6	16	30	11	"	D, S	Soil 1 1/2; grey limestone 30.
Con X " 10	W. Grier	L. Purdy	Nov. 30, 1954	5	12	23	23	"	D, S	Dug well 25; grey clay 39; grey sand little clay 51; soft blue clay 64; grey limestone 79.
Binbrook Twp.										
Bl. 1 con I lot	H. Lester	S. W. Merritt	Apr. 11, 1953	6	16	12	10	Fresh	D	Clay 22; hardpan 23; rock 25.
Bl. 1 con I " 1	C. Henney	"	Apr. 8, 1954	5 1/2	17	12	12	"	D	Clay 18 1/2; boulders 20; Niagara rock 33.
Bl. 1 con I " 1	W. Staples	"	Aug. 30, 1954	6	17	22	22	"	D, S	Clay 26; Niagara rock 34.
Bl. 1 con II " 1	R. Dovey	W. Packham	Aug. 31, 1954	6 1/4	17	28	18	"	D	Clay 17; limestone 25; shale rock 28.
Bl. 1 con II " 5	J. Daw	S. W. Merritt	Jun. 6, 1953	5 1/2	15	20	6	"	D	Clay 18; rock 20.
Bl. 1 con II " 5	F. Lowe	"	Sep. 24, 1953	5 1/2	17	25	24	"	D	Clay 39; rock 39 1/2.
Bl. 1 con II " 5	L. Linkert	"	Aug. 22, 1954	5 1/2	17	24	25	"	D	Clay 39; shale 40.
Bl. 1 con II " 5	R. Stephens	"	Sep. 20, 1954	5 1/2	17	20	18	"	D	Clay 20; gravel boulders 39; Niagara rock 42.
Bl. 1 con II " 5	W. Parnham	"	Sep. 28, 1954	5 1/2	17	20	18	"	D	Clay 17; shale 18 1/2; Niagara rock 33.
Bl. 1 con II " 5	"	"	Sep. 30, 1954	5 1/2	17	18	18	"	D	Clay 18; shale 19; Niagara rock 33.
Bl. 1 con IV " 5	W. Goodale	W. Packham	Sep. 18, 1953	6 1/4	15	50	14	slight Sulphur	D, S	Clay 40; clay sand 65; sand gravel 75.
Bl. 1 con IV " 5	W. Griffin	"	Sep. 8, 1953	6 1/4	15	80	25	"	S	Clay 82; Niagara limestone 92.
Bl. 2 con I " 1	J. Lawson	R. Embleton & Son	Jul. 6, 1953	6 1/4	25	14	4	Fresh	D	Dark clay loam 2; brown clay stone 4; brown and grey clay odd stone pebbles 8; grey clay pebbles 12; soft blue clay 26; blue clay broken loose rock 29; grey limestone 32.
Bl. 2 con I " 1	G. Lambert	S. W. Merritt	Sep. 15, 1953	6	8	18	16	Fresh	D	Clay 20; rock 23.
Bl. 2 con I " 1	C. Heards	"	Sep. 18, 1953	6 1/4	17	16	16	"	D	Clay 20; rock 29.
Bl. 2 con I " 1	D. Dawson	"	Sep. 19, 1953	6 1/4	17	18	16	"	D	Clay 29; rock 31.
Bl. 2 con I " 1	A. Nixon	A. B. Clark	May 15, 1954	6 1/4	3	20	15	"	D	Brown clay 33; limestone 24.
Bl. 2 con I " 2	R. Chardonnet	S. W. Merritt	Aug. 9, 1954	6 1/4	17	16	18	"	D	Clay 21; gravel boulders 23; Niagara rock 26.
Bl. 2 con I " 2	W. Pearson	"	Sep. 30, 1954	5 1/2	17	18	18	"	D	Clay 28; Niagara rock 30.
Bl. 2 con I " 2	W. Parnham	"	Sep. 14, 1953	5 1/2	17	18	18	"	D	Clay 17; rock 26.
Bl. 2 con I " 2	"	"	Sep. 23, 1953	5 1/2	17	18	15	"	D	Clay 17; rock 37.
Bl. 2 con I " 2	S. A. Russ	"	Sep. 23, 1954	6	17	22	15	"	D	Clay 22; Niagara rock 31.
Bl. 3 con I " 1	N. Feroa	"	Jul. 28, 1954	5 1/2	17	15	13	"	D	Clay 36; gravel 40.
Bl. 3 con I " 2	A. Gris	"	Jul. 30, 1954	6	17	13	15	"	D	Clay 45; grey shale 46.
Bl. 3 con I " 2	W. Lester	W. Packham	Jul. 15, 1954	6 1/4	13	30	10	"	D	Clay 21; limestone 43.
Bl. 3 con II " 5	W. Bruce	S. W. Merritt	Apr. 8, 1954	5 1/2	17	50	20	"	D	Clay 76; Niagara rock 80.
Bl. 4 con I " 1	C. Swaize	W. Packham	Dec. 10, 1953	6 1/4	13	40	15	"	D	Clay 20; solid limestone 49.

WENTWORTH COUNTY-cont.

Winbrook Twp. cont.									
Bl. 4 con II	lot 1	J. Morton	E. A. Ricker & Son	Jul. 29, 1953	5	20	18	Fresh	D
Bl. 4 con II	" 1	"	"	Jul. 29, 1953	3	18	18	"	D
Bl. 4 con III	" 1	H. O. Watson	"	Aug. 14, 1953	2	58	58	"	D
Bl. 4 con III	" 1	P. Vos	"	Aug. 21, 1953	4	55	55	"	D
Bl. 4 con IV	" 1	W. Dawson	W. Packham	Sep. 10, 1954	10	25	25	"	D
Bl. 5 con I	" 2	H. Staples	A. B. Clark	May 25, 1953	15	12	11	"	D
Bl. 5 con II	" 6	H. Donald	R. Embleton & Son	Nov. 4, 1953	12	35	25	"	D
Yellow clay boulders 35; gravel 42. Clay 40; gravel 42. Mixed clay 86; limestone 103. Mixed clay 83; limestone 105. Clay 40; silty clay 70; sand gravel 75; gravel 80. Top soil 1; yellow clay 6; limestone 38. Very dark clay topsoil 1; brown clay loam odd stone 4; brown and grey clay mixed odd flint stone some pebbles 12; soft grey clay odd stone 18; blue clay 25; blue clay some large rocks broken stone 29; hard grey limestone 49. Old well 38; limestone 100. Clay 60; limestone 150. Dry hole.									
Con VII	lot 29	H. Gaddy	E. A. Ricker & Son	Jul. 13, 1953	2 1/2	58	18	Fresh	D, S
Con VIII	" 30	F. Turner	W. Packham	Jul. 5, 1954	6				
East Plamboro Twp.									
Con I	lot 1	N. Pollard & Son	C. Goodberry	Dec. 2, 1954	1	11	6	Fresh	In
Con I	" 12	G. Legg	A. B. Clark	Sep. 18, 1953	11	12	24	"	D
Con I	" 13	G. Bentley	"	May 7, 1953	3	35	20	"	D
Con II	" 13	Shell Oil Co.	"	Aug. 29, 1953	5	75	70	"	C
Con II	" 7	J. Kelly	J. O'Connor	Nov. 12, 1953	1	50	16	"	D
Con II	" 7	J. Wyatt	"	Aug. 2, 1954	6	60	25	"	D
Con II	" 10	P. Robbins	"	Aug. 26, 1954	1	75	55	"	D
Con II	" 11	A. Bungys	"	Aug. 24, 1953	1 1/2	45	25	"	D
Con III	" 11	H. Parks	"	Jan. 20, 1953	3	20	2	"	D
Con III	" 1	F. Cutberton	"	May 6, 1953	2	32	14	"	D
Con III	" 1	J. Wright	"	May 14, 1953	2	35	14	"	D
Con III	" 1	J. Young	"	Sep. 16, 1953	2 1/2	30	18	"	D
Con III	" 1	A. Gunby	"	Oct. 15, 1953	2	40	18	"	D
Con III	" 1	J. Provo	"	Oct. 23, 1953	2 1/2	33	9	"	D
Con III	" 1	G. Cumby	"	Jul. 12, 1954	4	40	16	"	D
Con III	" 2	A. Everett	"	Jan. 13, 1953	2	65	20	"	D
Con III	" 2	A. Kulies	"	Mar. 19, 1953	3	30	6	"	D
Con III	" 2	P. Baskenez	"	May 1, 1953	3	25	10	"	D
Con III	" 5	S. Sperinburg	"	Nov. 27, 1953	1	37	16	"	D
Con III	" 5	A. Everett	"	Dec. 29, 1953	12	44	29	"	D
Con III	" 8	J. Anderson	"	Jul. 23, 1953	12	10	10	"	DS
Con III	" 8	J. Sharp	"	Oct. 9, 1953	1	60	25	"	D
Con III	" 8	H. Smith	"	Apr. 1, 1954	2 1/2	55	12	"	D
Con III	" 8	C. Cunningham	"	Apr. 8, 1954	2	45	12	"	D
Con III	" 10	J. Smith	"	May 15, 1954	2 1/2	60	28	"	D
Con III	" 10	J. MacQuire	"	Mar. 9, 1953	6	71	15	"	C
Con III	" 10	E. Robery	"	Sep. 21, 1953	2	30	10	"	D
Con III	" 10	E. Moss	"	Jan. 15, 1954	2	55	12	"	D
Con III	" 10	W. Bowen	"	Mar. 26, 1954	3	95	43	"	D
Con III	" 10	L. Bowen	"	Mar. 30, 1954	2	80	36	"	D
Con III	" 10	C. Forden	"	Jun. 11, 1954	4	96	40	"	D
Con III	" 10	H. D. Black	"	Jul. 17, 1954	3 1/2	40	15	"	D
Con III	" 10	F. N. McDonald	W. Packham	Aug. 26, 1954	5	35	14	"	D
Con III	" 10	S. Stuart	J. O'Connor	Jun. 24, 1953	1	95	76	"	D
Con III	" 13	Imperial Oil	"	Sep. 6, 1953	1	85	30	"	C
Con III	" 13	E. Honcher	"	Sep. 28, 1953	1 1/2	40	18	"	S
Con III	" 13	McColl-	"	Jan. 10, 1954	2	55	10	"	C
Frontenac Oil.									
Con III	" 13	A. Hicks	J. O'Connor	Feb. 1, 1954	2	50	16	"	C
Con III	" 13	S. Clark	"	Feb. 6, 1954	40	12	12	"	C
Con III	" 13	A. Hicks	"	Feb. 8, 1954	5	50	12	"	C
Con IV	" 4	A. Stevens	W. Packham	Sep. 11, 1953	7	50	15	"	D

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY-cont. East Flamboro Twp.										
cont.										
Con IV lot 4	W. McDonald	W. Packham	Jul. 29, 1954	5 1/2	1 1/2	60	18	Fresh	D	Clay stones 15; shale rock 24; solid limestone 60.
Con IV " 4	C. Arkell	J. O'Connor	Aug. 3, 1954	5 1/2	17	30	10	"	D	Clay stones 15; shale rock 22; solid limestone 40.
Con IV " 8	G. Wilkinson	J. O'Connor	Feb. 13, 1953	5 1/2	20	15	16	"	D	Dirty gravel 23; clean gravel 25.
Con IV " 8	L. Eden	W. Packham	Jul. 20, 1954	5 1/2	3	25	16	"	D, S	Sandy soil 18; shelly rock 25.
Con IV " 8	L. Guenther	"	Sep. 16, 1954	5 1/2	8	20	18	"	D	Clay 15; sand 10; gravel rock 22; solid limestone 33.
Con IV " 10	L. Johnson	"	Sep. 24, 1954	6 1/2	12	50	16	"	D	Sandy clay 30; sand 58; limestone 75.
Con IV " 11	C. Drummond	J. O'Connor	Aug. 20, 1953	6 1/2	17	60	28	"	D	Gravel boulders 20; quicksand 62; limestone 65.
Con V " 4	E. Forth	W. Packham	Jan. 14, 1953	6 1/2	17	60	14	"	D	Sand loam 57; limestone 48.
Con V " 8	E. Krulikowski	J. O'Connor	Jan. 19, 1953	6 1/2	1 1/2	20	12	"	D	Sand 53; shelly rock 38; limestone 55.
Con V " 9	P. Morrison	C. Hill	Jan. 13, 1953	4	5	120	35	"	D	Sandy loam 60; gravel 82; hard black rock 125.
Con V " 8	C. Roberts	J. O'Connor	Jan. 26, 1953	5 1/2	2	50	20	"	D	Sand gravel 50; clean gravel 53.
Con VI " 8	A. Bell	"	Aug. 3, 1953	6 1/2	35	6	10	"	D	Blue clay sand gravel boulders 55; clean gravel 57.
Con VI " 8	J. Gallagher	"	Aug. 18, 1953	6 1/2	35	6	6	"	D	Dark sandy loam 2; brown sand fine and coarse gravel stones 13; coarse and fine gravel stones 35; pure coarse gravel 43.
Con VI " 9	J. Gallagher	R. Embleton & Son	Feb. 20, 1953	6 1/2	35	29	26	"	D	Quicksand packed sand 57; clean white and grit 58.
Con VI " 13	Downy/Alderson	J. O'Connor	Apr. 10, 1953	6 1/2	11	76	38	"	In	Quicksand 86; shelly rock 96.
Con VII " 13	J. Zanick	E. Pegg	Jul. 2, 1954	5	11	22	14	"	D	Soil 4; boulders 8; clay 12; boulders 18; clay 20; boulders 23; runny blue clay 30; limestone 33; gravel stones clay 40; black black rock 42; shale rock 46.
Con VIII " 4	H. L. Green	W. Packham	Aug. 13, 1954	6 1/2	1 1/2	60	15	"	D	Clay stones 30; sand stones 50; grey limestone 58; grey shale 70.
Con VIII " 5	P. Tonsley	"	May 8, 1953	6 1/2	17	25	16	"	D	Sandy clay 20; sand gravel 27; rock 30.
Con VIII " 5	H. Wilson	"	Oct. 11, 1953	6 1/2	12 1/2	20	12	"	D	Sandy loam 6; fine sand 15; sand gravel 20; gravel 27.
Con VIII " 6	A. Blagden	"	Jun. 15, 1953	5	17	50	40	"	D	Old well 65; clean gravel 75.
Con VIII " 7	M. Welby	"	Apr. 24, 1953	6	17	25	15	"	D	Clay small stones 22; white limestone 43.
Con VIII " 7	W. Johnston	"	Jul. 24, 1953	6	17	20	10	"	D	Sandy clay 20; sand gravel 30; rock 37.
Con VIII " 7	L. Lambert	"	Jul. 30, 1953	6	17	28	12	"	D	Clay stones 22; limestone 40.
Con VIII " 7	W. Coverdale	"	Aug. 16, 1953	6	13	25	12	"	D	Sand 26; limestone 42.
Con VIII " 13	J. Welsh	J. O'Connor	Apr. 22, 1953	6 1/2	2	20	15	"	D	Boulders gravel 15; limestone 20.
Con IX " 7	I. Alderson	W. Packham	May 15, 1953	6 1/2	17	23	18	"	D	Old well 50; sand 55; gravel 62.
Con IX " 7	C. Gucat	"	Apr. 9, 1954	6	17	25	10	"	D	Clay sand stone 23; limestone 45.
Con IX " 9	N. Walker	"	Oct. 29, 1953	6	17	30	12	"	D	Sandy clay 20; sand gravel clay 35; limestone 43.
Con IX " 10	I. Goddy	"	Jul. 2, 1953	6 1/2	17	15	10	"	D	Sandy clay 14; limestone 25.
Con X " 13	F. Hunter	J. O'Connor	Mar. 10, 1954	6 1/2	3	25	26	"	D	Sand boulders 34; limestone 45.
Con XI " 1	W. Bailey	"	Jul. 1, 1954	5	7	25	15	"	D	Boulders 9; limestone 25.
Con XI " 10	R. D. Pearson	E. Pegg	Aug. 4, 1954	5 1/2	3	25	16	"	D	Soil 4; limestone 38.
Con XI " 12	Farwell Motors	W. Packham	Oct. 15, 1953	6	17	25	10	"	C	Brown clay 10; clay gravel 20; limestone 45.
Con XII " 4	A. R. Armstrong	E. Pegg	Jun. 7, 1954	6	18	7 1/2	7	"	D	Soil 13; clay stones 12; limestone 36.
Con XII " 12	F. Bell	"	May 14, 1954	5	15	7 1/2	7 1/2	"	D	Till 4; boulders clay 20; boulders sand 22 1/2; rock 32 1/2.
Con XII " 1	H. Small	C. Hill	Mar. 3, 1954	4	15	36	36	"	D, S	Top soil 2; yellow clay boulders 20; yellow clay pebbles 46; grey limestone 124.
Glanford Twp.										
Con I lot 1	H. Smith	H. E. Cross	May 10, 1953	5 1/2	3	40	36	Fresh	D	Yellow clay 49; hard grey limestone 64.
Con I " 1	G. Fisher	"	Feb. 10, 1954	5 1/2	5	30	25	"	D	Brown clay 82; limestone 95.
Con I " 1	R. Teale	D & M Ashbaugh	Apr. 30, 1954	5	10	25	20	"	D	Yellow clay 52; limestone 83.
Con I " 1	L. Holstein	W. Packham	Jul. 20, 1954	6	3	18	15	"	D	Yellow clay 36; limestone 40.
Con I " 2	D. Priestly	H. E. Cross	Oct. 10, 1954	5 1/2	2	55	20	"	D	Clay 50; limestone 62.
Con I " 2	P. Brazay	"	Sep. 15, 1953	5 1/2	3	104	10	"	D	Yellow clay 70; limestone 104.
Con I " 4	R. Teale	"	Sep. 21, 1953	5 1/2	4	10	7	"	D	Clay 70; limestone 89.
Con I " 4	R. Teale	"	May 25, 1953	5 1/2	3	35	30	"	D	Yellow clay 59; grey limestone 97.

WENTWORTH COUNTY-cont.

	Con	I	10t	4	G.Baptist	H.E.Cross	Feb. 2, 1954	5	25	19	Fresh	D
	Con I	"	"	4	H.C.Hutton	D & M Ashbaugh	Feb. 11, 1954	10	15	25	"	Brown clay 70; limestone 100.
	Con I	"	"	5	T.C.Hutton	H.E.Cross	Feb. 15, 1953	3	20	14	"	Top soil clay 73; gravel 75.
	Con I	"	"	5	Ward & Patmore	W.Packham	Apr. 9, 1953	6	30	25	"	Yellow clay 60; hard grey limestone 65.
	Con I	"	"	5	A.Reichert	H.E.Cross	May 18, 1953	15	20	14	"	Sandy clay 52; hard limestone 60.
	Con I	"	"	5	E.O.Kydd	R.Embleton & Son	Jul. 10, 1953	20	41½	18	"	Yellow clay 47; medium hard grey limestone 66.
												Dark sandy loam topsoil 1; brown clay loam sand seams 3; brown clay 14; blue clay odd sand streaks 35; silty sand 42; clay sand seams 46; blue clay odd broken stone 48; shell rock 50; grey limestone 63.
	Con I	"	"	5	C.Post	W.Packham	Jul. 11, 1953	8	68	50	"	Clay 30; silty clay 4; limestone 68.
	Con I	"	"	5	P.Johnstone	R.Embleton & Son	Jul. 15, 1953	18	57	33	"	Dark sandy loam top soil 1; very brown clay loam 4; hard streaked mixture of brown and grey clay 16; blue clay odd sand streaks 35; silty sand 49; clay sandy seams 57; blue clay odd broken stone 59; shelly 60; hard grey limestone 71.
												Clay 48; limestone 70.
	Con I	"	"	5	A.Reichert	H.E.Cross	Aug. 10, 1953	4	20	18	"	Yellow clay 28; limestone 30.
	Con I	"	"	5	J.Orth	D & M Ashbaugh	Oct. 8, 1953	4	20	20	"	Top soil 40; limestone 52.
	Con I	"	"	5	E.Cross	H.E.Cross	Dec. 24, 1953	3	36	11	"	Brown clay 38; limestone 63.
	Con I	"	"	5	W.Chloe	H.E.Cross	Feb. 27, 1954	3	25	15	"	Yellow clay 59; limestone 80.
	Con I	"	"	5	C.Brulsema	"	Mar. 8, 1954	8	12	10	"	Yellow clay 47; limestone 69.
	Con I	"	"	5	E.Smith	"	Mar. 17, 1954	8	12	10	"	Yellow clay 40; limestone 47.
	Con I	"	"	5	R.Holland	"	Mar. 24, 1954	8	15	7	"	Yellow clay 32; limestone 70.
	Con I	"	"	5	W.Legacy	A.B.Clark	Jun. 4, 1954	5	30	20	"	Brown clay 59; limestone 72.
	Con I	"	"	5	G.Weatherbee	H.E.Cross	Oct. 1, 1954	10	30	27	"	Clay 58; limestone 69.
	Con I	"	"	5	E.Livingston	D & M Ashbaugh	Oct. 11, 1954	3	30	23	"	Top soil 54; limestone 68.
	Con I	"	"	5	H.Haines	"	Aug. 12, 1953	2	38	20	"	Blue clay 35; sand 48; rock 60.
	Con I	"	"	5	A.Alderson	D & M Ashbaugh	Sep. 9, 1953	2	30	23	"	Top soil 2; yellow clay 65; limestone 81.
	Con I	"	"	5	J.Medus	"	Sep. 12, 1953	2	30	23	"	Yellow clay 60; limestone 70.
	Con I	"	"	5	C.Fugler	D & M Ashbaugh	Nov. 10, 1952	2	20	18	"	Yellow clay 41; limestone 53.
	Con I	"	"	5	C.Stewart	H.E.Cross	May 18, 1954	10	10	7	"	Yellow clay 55; limestone 75.
	Con I	"	"	5	J.Fairburn	"	May 20, 1954	8	35	30	"	Yellow clay 55; limestone 60.
	Con I	"	"	5	T.Gerrow	D & M Ashbaugh	May 31, 1954	15	20	20	"	Yellow clay 62; limestone 66.
	Con I	"	"	5	H.Walter	H.E.Cross	Jul. 9, 1954	3	40	25	"	Clay 65; limestone 73.
	Con I	"	"	5	J.Stuggill	A.B.Clark	Aug. 18, 1954	3	30	22	"	Brown clay 28; grey clay pebbles 43; limestone 75.
	Con I	"	"	5	J.Belgiers	S.R.Gill	Sep. 8, 1954	6	20	20	"	Brown clay 54; limestone 60.
	Con I	"	"	5	J.Schotsman	A.B.Clark	Sep. 10, 1954	15	25	20	"	Soft brown clay 40; sand 67; gravel 67½.
	Con I	"	"	5	G.Bertollo	D & M Ashbaugh	Nov. 12, 1954	3	40	30	"	Clay 40; clay sand 64; limestone 68.
	Con I	"	"	5	G.Bertollo	"	Nov. 16, 1954	6	15	12	"	Brown clay 30; silty blue clay 67; limestone 70.
	Con I	"	"	5	W.Packham	"	Nov. 20, 1954	6	20	18	"	Clay 52; sandy clay 70; limestone 75.
	Con I	"	"	5	H.E.Cross	"	Nov. 24, 1954	6	30	30	"	Brown silty clay 33; grey limestone 50.
	Con I	"	"	5	W.Packham	"	Nov. 29, 1954	6	35	30	"	Clay 66; limestone 72.
	Con I	"	"	5	W.Packham	"	Dec. 9, 1954	6	45	45	"	Clay 30; sandy clay 63; limestone 87.
	Con I	"	"	5	J.W.Preeman	"	Dec. 22, 1954	6	13	35	"	Soft brown

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY-cont. Glanford Twp.cont.										
Con I lot 10	R.V.Chumby	R.Embleton & Son	Jul.28,1954	6 1/4	30	29	24	Fresh	D	Dark clay loam top soil 2;brown clay sandy seams loam 4; mixture of brown and grey clay odd sandy seams 17;very soft running grey clay 35;blue clay odd small stones 45;loose broken rock soft running clay 47;brown limestone 56.
Con I lot 11	W.Winns	D & M Ashbaugh	Sep.26,1953	5 1/2	40	27	17	"	D	Top soil 31;limestone 37.
Con I " 11	H.Copeland	"	Jun.12,1954	5 1/2	2	20	25	"	D	Yellow clay 22;limestone 47.
Con I " 11	J.Lightfoot	"	Jun.25,1954	6 1/4	3	30	15	"	D	Brown clay 24;grey rock 53.
Con I " 11	W.Peake	A.B.Clark	Sep.17,1954	6 1/4	3	30	10	"	D	Clay 14;limestone 50.
Con I " 11	"	"	Oct.19,1954	6 1/4	15	30	28	"	D	Brown clay 14;limestone 50.
Con I " 11	R.Oneil	"	Dec.27,1954	6 1/4	10	40	19	"	D	Clay 47;limestone 64.
Con I " 12	A.Ralston	W.Packham	Nov.14,1953	6 1/4	17	55	26	"	D	Clay 30;limestone 72.
Con I " 14	H.E.Cross	J.Woolley	Nov.11,1953	5 1/2	22	22	6	"	D,S	Clay 6;limestone 22.
Con I " 16	D.Crazenjki	D & M Ashbaugh	Sep. 3,1953	5 1/2	30	16	14	"	D	Blue clay 11;rock 48.
Con II " 4	J.Love	W.Packham	Nov.10,1954	5 1/2	1	60	30	"	D	Brown clay 30;sandy clay 80;limestone 116.
Con II " 5	W.Haigh	D & M Ashbaugh	May 15,1954	5 1/2	10	5	4	slight Sulphur	D	Yellow clay 39;limestone 43.
Con II " 5	L.Jones	"	Oct.18,1954	6 1/4	3	45	42	"	D	Brown clay 47;limestone 58.
Con II " 5	H.Lake	"	Apr. 2,1954	5 1/2	2	60	24	"	D	Top soil clay 52;limestone 70.
Con II " 5	M.Smith	"	Apr. 9,1954	5 1/2	2	50	30	"	D	Yellow clay 60;limestone 74.
Con II " 5	E.Runge	"	Apr.13,1954	5 1/2	2	55	30	"	D	Yellow clay 60;limestone 80.
Con II " 5	E.Lawrence	"	Sep. 1,1954	6 1/4	2	60	40	"	D	Soft clay 48;limestone 66.
Con II " 11	A.Hubber	"	Aug. 6,1953	5 1/2	3	34	27	"	D	Top soil 60;limestone 76.
Con II " 1	E.Marshall	"	Sep.22,1954	5 1/2	15	30	30	"	D	Clay 30;limestone 60.
Con III " 1	A.McArthur	"	Aug.21,1954	6 1/4	3	75	60	"	D	Clay 50;fine sand 105;limestone 110.
Con III " 2	G.Morton	A.B.Clark	Oct.19,1953	6 1/4	5	50	35	"	D	Top soil 1;yellow clay 100;limestone 113.
Con III " 2	H.Lees	D & M Ashbaugh	Nov.10,1954	6 1/4	4	20	20	"	D	Soft clay 40;sand 68;limestone 84.
Con III " 2	H.Mitter	"	Jun.23,1953	6 1/4	3	60	50	"	D	Top soil 84;rock 95.
Con III " 6	W.Bennickie	"	Apr.22,1954	5 1/2	8	45	40	"	D	Yellow clay 78;limestone 85.
Con III " 6	W.Caskenette	"	Aug.30,1954	6 1/4	6	45	40	"	D	Soft clay 50;fine sand 76;gravel 77.
Con III " 13	J.Armes	"	Sep.26,1953	6 1/4	13	25	18	"	D	Old well 22;silly clay 38;limestone 45.
Con IV " 4	W.Bigger	W.Packham	Aug. 5,1953	5 1/2	5	12	12	"	D	Yellow clay 101;limestone 107.
Con IV " 5	S.Bowen	H.E.Cross	Aug. 5,1953	5 1/2	4	14	11	"	D	Yellow clay 80;hard grey limestone 95.
Con IV " 5	H.Cross	"	Jun.24,1953	5 1/2	4	11	11	"	D	Yellow clay 80;hard grey limestone 95.
Con IV " 5	G.Lasslet	"	Jul. 1,1953	5 1/2	5	12	12	"	D	Clay 103;limestone 111.
Con IV " 6	P.Seymour	"	Jul. 6,1953	5 1/2	5	12	12	"	D	Clay fill top soil 18;dark-brown clay 4;light-brown clay 8; brown and grey clay 21;grey clay pebbles 35;brown silty sand clay 45;brown silty sand 68;blue clay hard seams pebbles 80; blue clay sand seams 82;blue clay layer of loose rock 84; grey limestone 90.
Con IV " 7	A.Acton	"	Dec.17,1954	6 1/4	20	56	38	"	D	Clay 40;sandy clay 85;limestone 98.
Con IV " 9	O.Adams	W.Packham	Nov. 6,1953	6 1/4	4	90	25	"	D	Clay 50;sand clay 97;limestone 100.
Con V " 1	J.Gibson	D & M Ashbaugh	Oct.29,1954	6 1/4	12 1/2	158	23	"	D	Clay 40;sand 80;clay sand 103;limestone 158.
Con V " 4	J.Ridge	H.E.Cross	Aug.11,1954	6 1/4	1	46	46	"	D	Yellow clay 104;hard grey limestone 109.
Con V " 4	R.Adams	"	Dec. 3,1953	5 1/2	4	31	30	"	D	Brown clay 108;limestone 110.
Con V " 5	G.Lasslett	"	Feb.18,1954	5 1/2	5	12	12	"	D	Yellow clay 104;hard grey limestone 114.
Con V " 5	A.Clark	"	Jan.24,1953	5 1/2	3	25	18	"	D	Yellow clay 106;hard grey limestone 109.
Con V " 5	D.Wark	"	Apr.25,1953	5 1/2	5	10	10	"	D	Yellow clay 98;hard grey limestone 114.
Con V " 5	A.Watters	"	Jun.10,1953	5 1/2	4	20	16	"	D	Yellow clay 108;limestone 114.
Con V " 5	R.Boomhower	"	Aug.20,1953	5 1/2	5	10	10	"	D	Yellow clay 107;limestone 112.
Con V " 5	J.Lee	"	May 29,1954	5 1/2	8	50	40	"	D	Top soil 2;clay 55;clay sand 96;limestone 101.
Con V " 5	M.McBride	H.E.Cross	Aug. 7,1954	5 1/2	10	36	35	"	D	Clay 60;sandy clay 100;limestone 112.
Con V " 6	L.Barton	D & M Ashbaugh	Sep.16,1954	5 1/2	19	18	18	"	D	Top soil 97;gravel 100.
Con V " 6	"	"	Jun.15,1953	5 1/2	10	60	30	"	D	"

WENTWORTH COUNTY-cont.

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA-METER	PUMP-ING TEST	PUMP-ING LEVEL	STATIC WATER LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
MENTWORTH COUNTRY-cont										
Saltsfleet Twp. cont.										
Con II lot 21	J. Comeau	S.R. Gill	Jan. 27, 1953	6 1/2	3		5	Fresh	D	Red clay 8; red shale 30.
Con II lot 21	J. Foreman	"	Apr. 10, 1953	6 1/2	3	8	4	"	D	Red clay 7; red shale 30.
Con II lot 21	M. Lioy	"	Apr. 22, 1953	6 1/2	3	10	8	"	D	Red clay 8; red shale 28.
Con II lot 21	R. Wilkinson	R. Embleton & Son	May 14, 1953	6 1/2	5	22	3	"	D	Dark clay loam 1; red and blue clay hard streaks 9; red shale rock 26.
Con II lot 21	C. Harrie	S.R. Gill	Jul. 22, 1953	6 1/2			12	"	D	Red clay 8; red shale 30.
Con II lot 21	J. Hutchison	R. Embleton & Son	Nov. 19, 1953	6 1/2	3	26	9	"	D	Dark clay loam 1; brown and greyish clay 1; red clay 8; hard and soft streaks of red shale rock 28.
Con II lot 21	J. Middleton	"	Dec. 31, 1953	6 1/2	6	30	11	"	D	Dark clay loam 1; red and greyish clay 1; hard red clay odd stone 9; hard flint soft red and blue streaks of shale 13; hard and soft seams of red shale 32.
Con II lot 21	Letourneau	"	May 5, 1954	6	4	27	6	"	D	Dark clay loam 2; grey and red clay 4; dark and light seams of red clay 9; shale 30.
Con II lot 21	L. Elves	"	May 11, 1954	6	1/2	38	3	Salt	D	Dark sandy loam 1; dark clay loam small stones 2; brown clay 3; grey clay odd stone pebbles hardpan 9; hard and soft streaks of red clay 1; stones gravelly and silty streaks 17; red shale 38.
Con II lot 21	A. Brenner	"	Sep. 8, 1954	6 1/2	3	28	9	Fresh	D	Dark clay loam 1; red and grey clay 4; light streaks red clay 12; red shale 32.
Con II lot 21	Sparton Plumbing	S.W. Merritt	Nov. 12, 1954	6	4	15	6	"	D	Clay 8; red shale 23.
Con II lot 21	F. Stevens	R. Embleton & Son	Oct. 9, 1953	6	9	20	11	"	D	Dark clay loam 1; brown and grey clay odd pebbles 3; red clay odd grey streak 7; hard and soft streaks 3; red clay odd grey streak 7; hard and soft streaks of red clay flinty streaks 10; red shale rock 30.
Con II lot 21	"	"	Dec. 29, 1953	6 1/2	9	24	9	"	D	Clay sand stone 4; dark sandy top soil 5 1/2; brown clay odd stone 7; brown and red clay 9; red clay 13; red shale 30.
Con II lot 21	"	"	May 27, 1954	6 1/2	2 1/2	26	11	"	D	3; soft streaks of red clay 9; red shale 29.
Con II lot 21	P. Thomson	"	Jun. 2, 1954	6	4	25	2 1/2	"	D	Red clay 30. Dry hole.
Con II lot 21	Tatti Const. Co	S.R. Gill	Jun. 17, 1954	6 1/2	8	10	8	"	D	Red clay 9; red shale 30.
Con II lot 21	H. Milligan	"	Jun. 18, 1954	6 1/2	6	10	8	"	D	Red clay 9; red shale 30.
Con II lot 21	P. Patreguin	"	Jun. 23, 1954	6 1/2	6	10	8	"	D	Red clay 9; red shale 30.
Con II lot 21	K. Handervelde	"	Aug. 17, 1954	6 1/2	3	14	12	"	D	Boulders red clay 17; red shale 35.
Con II lot 21	W. Byrne	"	Sep. 29, 1954	6 1/2	4	10	7	"	D	Red clay 10; red shale 30.
Con II lot 21	A. Thompson	"	Oct. 20, 1954	6 1/2	6	6	5	"	D	Red clay 12; red shale 35.
Con II lot 21	F. Stevens	R. Embleton & Son	Dec. 23, 1954	6 1/2	5	20	5 1/2	"	D	Red clay 3; dark clay 5; red and grey clay 7; red clay odd stone 9; red shale 30.
Con II lot 21	F. Miceli	S.R. Gill	Apr. 23, 1953	6 1/2	3	19	13	"	D	Brown sand gravel 21; red shale 43.
Con III lot 13	H. Biggar	S.W. Merritt	Oct. 30, 1953	5 1/2	10	35	25	"	D	Clay shale 5; limestone 72.
Con III lot 13	W. Rasmussen	R. Embleton & Son	Oct. 3, 1953	6	4 1/2	62	34	"	D	Brown clay shell rock 4; loose shell rock clay loam 2; brown and grey streaks of limestone loose seams and layers of rock 5; hard and soft seams grey limestone blue shale 69.
Con III lot 14	O.E. Davis	"	Aug. 25, 1954	6 1/2	3	47	28	Fresh	D	Brown clay very loose broken brown limestone 3; brown and grey limestone 18; soft grey shale 48.
Con III lot 18	J. Dereta	S.W. Merritt	Jul. 27, 1953	5 1/2	4	48	14	"	D	Clay boulders 40; shale 48.
Con III lot 18	W. Kasney	R. Embleton & Son	Jul. 29, 1953	5 1/2	5	54	16	"	D	Clay boulders 45; red shale 54.
Con III lot 18	W. Kasney	"	Aug. 4, 1953	6	7	31	9	"	D	Dark clay loam 1; brown clay loam odd sandy seams 4; hard and soft streaks of brown clay stone pebbles 12; brown and grey clay hard large stones 20; large stone red clay 22; hard red shale rock 38.
Con III lot 18	J. Dereta	"	Aug. 5, 1953	5 1/2	7	58	16	"	D	Clay boulders 45; soft shale 54; red shale 38.
Con III lot 18	W. Yakuchuck	S.W. Merritt	Aug. 10, 1953	5 1/2	8	37	12	"	D	Clay 27; red shale 37.
Con III lot 18	M. Hayden	"	Aug. 11, 1953	6 1/2	7	39	12	"	D	Clay 28; red shale 39.

WENTWORTH COUNTY-cont.

Saltfleet Twp. cont.	P. McKeen Con III Con III Con III	S.W. Merritt " " R. Embleton & Son " "	Nov. 24, 1953 Dec. 4, 1953 Mar. 30, 1954	5 2½ 6½	13 7 25	60 76 16	20 16 4	Fresh " " " "	D D D	
Con III	" 18	L. Hughes	Apr. 13, 1954	7	3	34	7	"	D	Clay boulders 58; red shale 62; soft clay 70; red shale 80. Clay 32; red shale 76. Dark clay loam 1½; brown clay odd pebbles 3; brown clay fine gravel odd stone 7; brown clay gravelly streaks hard stone seams 10; stones gravel clay 12; red clay 14; red shale 37. Dark clay loam 3; brown clay stones 23; brown clay pebbles odd stones 7; brown and grey clay pebbles hard seams 13; grey clay odd red seam 17; red clay 20; red shale 40. Clay 12; red shale 30. Clay 8; red shale 28. Red clay boulders 8; red shale 30. Clay 10; red shale 30. Clay 10; red shale 29. Clay 12; red shale 30. Clay 12; red shale 28. Clay boulders 45; red shale 52. Red clay boulders 10; red shale 29. Red clay 12; red shale 30. Clay 24; red shale 40. Dark sandy loam 1; light and dark brown sandy loam 2; clay and sand 4; brown clay 10; grey clay pebbles 18; brown and grey clay stones pebbles 25; red and grey clay streaks pebbles stones 35; blue clay some gravel pebbles odd stone red streaks 46; red clay pebbles stone 47. Abandoned. Clay 11; red shale 25. Grey clay 35; red clay 40; red shale rock 50. Clay 35; Niagara rock 76. Clay 2; shale 6; limestone 34. Brown clay loam 3; brown clay loam large and small broken shell rock 2; brown and grey shelly streaks of limestone 3; hard and soft streaks of grey limestone blue shelly limestone 36. Clay 48; rock 69. Clay 5; limestone 30. Dark clay loam 3; brown clay loam broken shell rock 1½; brown shell rock 3; hard and soft streaks grey limestone 36. Clay shale 4; Niagara rock 25. Clay 4; limestone 26. Clay 32; red shale rock 40. Clay 32; red shale rock 40. Dark clay loam 3; broken stone 1; broken shell rock 4; grey lime-stone 36. Very black clay loam 3; brown and grey clay odd stone 5; brown and grey clay bed of large and small stones 7; brown and grey clay 12; very soft blue clay 22; grey limestone 34. Top soil 3; red shale 18. Clay loam loose broken shell rock 2; grey limestone 25. Clay 14; rock 25. Clay 12; rock 21. Dark clay loam 3; brown clay odd stone pebbles 14; brown and greyish clay mixed stones 44; shell rock very thin layer clay 5; hard and soft grey limestone 20. Clay 13; rock 26. Clay 9; Niagara rock 49. Clay 14; Niagara rock 38. Clay 16; rock 45. Clay 15; rock 36.
Con III	" 18	W. Tufto	May 20, 1954	6	5	30	4	"	D	Clay 8; red shale 28.
Con III	" 18	W. Limin	May 21, 1954	6	7	20	4	"	D	Red clay boulders 8; red shale 30.
Con III	" 18	F. Patreguin	May 21, 1954	6½	7	16	8	"	D	Clay 10; red shale 30.
Con III	" 18	G. Fisher	May 24, 1954	6	4	20	6	"	D	Clay 10; red shale 29.
Con III	" 18	M. Kynl	May 26, 1954	6	5	29	5	"	D	Clay 12; red shale 30.
Con III	" 18	R. Waite	May 26, 1954	6	5	30	6	"	D	Clay 12; red shale 28.
Con III	" 18	F. Woods	May 26, 1954	6	17	18	4	"	D	Clay boulders 45; red shale 52.
Con III	" 18	L. Hughes	Jul. 4, 1954	5½	4	40	20	"	D	Red clay boulders 10; red shale 29.
Con III	" 18	M. Kynl	Aug. 10, 1954	5½	5	29	8	"	D	Red clay 12; red shale 30.
Con III	" 18	M. Sebastian	Aug. 18, 1954	5½	5	24	8	"	D	Clay 24; red shale 40.
Con III	" 18	T. Houghs	Dec. 10, 1954	6	7	25	10	"	D	Dark sandy loam 1; light and dark brown sandy loam 2; clay and sand 4; brown clay 10; grey clay pebbles 18; brown and grey clay stones pebbles 25; red and grey clay streaks pebbles stones 35; blue clay some gravel pebbles odd stone red streaks 46; red clay pebbles stone 47. Abandoned.
Con III	" 21	G.W. Wallis	May 12, 1954	6	7	25	10	Salt	D	Clay 11; red shale 25. Grey clay 35; red clay 40; red shale rock 50. Clay 35; Niagara rock 76. Clay 2; shale 6; limestone 34. Brown clay loam 3; brown clay loam large and small broken shell rock 2; brown and grey shelly streaks of limestone 3; hard and soft streaks of grey limestone blue shelly limestone 36. Clay 48; rock 69. Clay 5; limestone 30. Dark clay loam 3; brown clay loam broken shell rock 1½; brown shell rock 3; hard and soft streaks grey limestone 36. Clay shale 4; Niagara rock 25. Clay 4; limestone 26. Clay 32; red shale rock 40. Clay 32; red shale rock 40. Dark clay loam 3; broken stone 1; broken shell rock 4; grey lime-stone 36. Very black clay loam 3; brown and grey clay odd stone 5; brown and grey clay bed of large and small stones 7; brown and grey clay 12; very soft blue clay 22; grey limestone 34. Top soil 3; red shale 18. Clay loam loose broken shell rock 2; grey limestone 25. Clay 14; rock 25. Clay 12; rock 21. Dark clay loam 3; brown clay odd stone pebbles 14; brown and greyish clay mixed stones 44; shell rock very thin layer clay 5; hard and soft grey limestone 20. Clay 13; rock 26. Clay 9; Niagara rock 49. Clay 14; Niagara rock 38. Clay 16; rock 45. Clay 15; rock 36.
Con III	" 25	L.A. Roberts	Dec. 1, 1954	6½	15	12	10	Fresh	D	Clay 11; red shale 25.
Con III	" 28	W. Hoyle	Jun. 16, 1954	6½	2½	50	15	"	D	Grey clay 35; red clay 40; red shale rock 50.
Con IV	" 4	P. Grosul	Jun. 7, 1954	5½	17	50	50	"	D	Clay 35; Niagara rock 76.
Con IV	" 13	Armstrong Const W.R. Allan	May 12, 1954	6½	34	34	15	"	P	Clay 2; shale 6; limestone 34.
Con IV	" 13	W.R. Allan	Sep. 11, 1953	6	2½	29	17	"	D	Brown clay loam 3; brown clay loam large and small broken shell rock 2; brown and grey shelly streaks of limestone 3; hard and soft streaks of grey limestone blue shelly limestone 36. Clay 48; rock 69. Clay 5; limestone 30. Dark clay loam 3; brown clay loam broken shell rock 1½; brown shell rock 3; hard and soft streaks grey limestone 36. Clay shale 4; Niagara rock 25. Clay 4; limestone 26. Clay 32; red shale rock 40. Clay 32; red shale rock 40. Dark clay loam 3; broken stone 1; broken shell rock 4; grey lime-stone 36. Very black clay loam 3; brown and grey clay odd stone 5; brown and grey clay bed of large and small stones 7; brown and grey clay 12; very soft blue clay 22; grey limestone 34. Top soil 3; red shale 18. Clay loam loose broken shell rock 2; grey limestone 25. Clay 14; rock 25. Clay 12; rock 21. Dark clay loam 3; brown clay odd stone pebbles 14; brown and greyish clay mixed stones 44; shell rock very thin layer clay 5; hard and soft grey limestone 20. Clay 13; rock 26. Clay 9; Niagara rock 49. Clay 14; Niagara rock 38. Clay 16; rock 45. Clay 15; rock 36.
Con IV	" 17	I. Davey	Nov. 19, 1953	6	17	50	48	"	D	Clay 11; red shale 25.
Con IV	" 20	J. Sowany	Nov. 13, 1954	6	3	20	18	"	D	Grey clay 35; red clay 40; red shale rock 50.
Con IV	" 21	W. Hurpison	Oct. 13, 1953	6	22	21	18	"	D	Clay 35; Niagara rock 76.
Con IV	" 21	P. Zonk	Oct. 15, 1953	6½	13	15	13	"	D	Clay 2; shale 6; limestone 34.
Con IV	" 21	J. Maradin	Nov. 16, 1954	5½	17	12	10	"	D	Brown clay loam 3; brown clay loam large and small broken shell rock 2; brown and grey shelly streaks of limestone 3; hard and soft streaks of grey limestone blue shelly limestone 36. Clay 48; rock 69. Clay 5; limestone 30. Dark clay loam 3; brown clay loam broken shell rock 1½; brown shell rock 3; hard and soft streaks grey limestone 36. Clay shale 4; Niagara rock 25. Clay 4; limestone 26. Clay 32; red shale rock 40. Clay 32; red shale rock 40. Dark clay loam 3; broken stone 1; broken shell rock 4; grey lime-stone 36. Very black clay loam 3; brown and grey clay odd stone 5; brown and grey clay bed of large and small stones 7; brown and grey clay 12; very soft blue clay 22; grey limestone 34. Top soil 3; red shale 18. Clay loam loose broken shell rock 2; grey limestone 25. Clay 14; rock 25. Clay 12; rock 21. Dark clay loam 3; brown clay odd stone pebbles 14; brown and greyish clay mixed stones 44; shell rock very thin layer clay 5; hard and soft grey limestone 20. Clay 13; rock 26. Clay 9; Niagara rock 49. Clay 14; Niagara rock 38. Clay 16; rock 45. Clay 15; rock 36.
Con IV	" 31	J. Burns	May 20, 1954	5½	17	12	10	"	D	Clay 35; Niagara rock 76.
Con IV	" 31	"	May 20, 1954	5½	17	12	10	"	D	Clay 2; shale 6; limestone 34.
Con V	" 7	T. Serrick	May 25, 1954	6½	1	35	28	"	D	Brown clay loam 3; brown clay loam large and small broken shell rock 2; brown and grey shelly streaks of limestone 3; hard and soft streaks of grey limestone blue shelly limestone 36. Clay 48; rock 69. Clay 5; limestone 30. Dark clay loam 3; brown clay loam broken shell rock 1½; brown shell rock 3; hard and soft streaks grey limestone 36. Clay shale 4; Niagara rock 25. Clay 4; limestone 26. Clay 32; red shale rock 40. Clay 32; red shale rock 40. Dark clay loam 3; broken stone 1; broken shell rock 4; grey lime-stone 36. Very black clay loam 3; brown and grey clay odd stone 5; brown and grey clay bed of large and small stones 7; brown and grey clay 12; very soft blue clay 22; grey limestone 34. Top soil 3; red shale 18. Clay loam loose broken shell rock 2; grey limestone 25. Clay 14; rock 25. Clay 12; rock 21. Dark clay loam 3; brown clay odd stone pebbles 14; brown and greyish clay mixed stones 44; shell rock very thin layer clay 5; hard and soft grey limestone 20. Clay 13; rock 26. Clay 9; Niagara rock 49. Clay 14; Niagara rock 38. Clay 16; rock 45. Clay 15; rock 36.
Con V	" 9	A. Hrycenko	Sep. 8, 1953	6	1	35	28	Sulphur	D	Brown clay loam 3; brown clay loam large and small broken shell rock 2; brown and grey shelly streaks of limestone 3; hard and soft streaks of grey limestone blue shelly limestone 36. Clay 48; rock 69. Clay 5; limestone 30. Dark clay loam 3; brown clay loam broken shell rock 1½; brown shell rock 3; hard and soft streaks grey limestone 36. Clay shale 4; Niagara rock 25. Clay 4; limestone 26. Clay 32; red shale rock 40. Clay 32; red shale rock 40. Dark clay loam 3; broken stone 1; broken shell rock 4; grey lime-stone 36. Very black clay loam 3; brown and grey clay odd stone 5; brown and grey clay bed of large and small stones 7; brown and grey clay 12; very soft blue clay 22; grey limestone 34. Top soil 3; red shale 18. Clay loam loose broken shell rock 2; grey limestone 25. Clay 14; rock 25. Clay 12; rock 21. Dark clay loam 3; brown clay odd stone pebbles 14; brown and greyish clay mixed stones 44; shell rock very thin layer clay 5; hard and soft grey limestone 20. Clay 13; rock 26. Clay 9; Niagara rock 49. Clay 14; Niagara rock 38. Clay 16; rock 45. Clay 15; rock 36.
Con V	" 15	J. Valgo	Aug. 19, 1954	6½	35	13	6	Fresh	D	Clay 11; red shale 25.
Con V	" 18	E. Bodnar	Dec. 2, 1953	5½	4	9	9	"	D	Grey clay 35; red clay 40; red shale rock 50.
Con V	" 18	R. Embleton & Son	Jul. 18, 1953	6	25	16	10	"	D	Clay 35; Niagara rock 76.
Con V	" 20	S.W. Merritt	Apr. 25, 1953	6½	8	20	8	"	D, S	Clay 2; shale 6; limestone 34.
Con V	" 20	K. White	May 6, 1953	5½	8	16	8	"	D	Brown clay loam 3; brown clay loam large and small broken shell rock 2; brown and grey shelly streaks of limestone 3; hard and soft streaks of grey limestone blue shelly limestone 36. Clay 48; rock 69. Clay 5; limestone 30. Dark clay loam 3; brown clay loam broken shell rock 1½; brown shell rock 3; hard and soft streaks grey limestone 36. Clay shale 4; Niagara rock 25. Clay 4; limestone 26. Clay 32; red shale rock 40. Clay 32; red shale rock 40. Dark clay loam 3; broken stone 1; broken shell rock 4; grey lime-stone 36. Very black clay loam 3; brown and grey clay odd stone 5; brown and grey clay bed of large and small stones 7; brown and grey clay 12; very soft blue clay 22; grey limestone 34. Top soil 3; red shale 18. Clay loam loose broken shell rock 2; grey limestone 25. Clay 14; rock 25. Clay 12; rock 21. Dark clay loam 3; brown clay odd stone pebbles 14; brown and greyish clay mixed stones 44; shell rock very thin layer clay 5; hard and soft grey limestone 20. Clay 13; rock 26. Clay 9; Niagara rock 49. Clay 14; Niagara rock 38. Clay 16; rock 45. Clay 15; rock 36.
Con V	" 20	L. Wootton	May 18, 1953	6½	10	12	4	slight Sulphur	D	Brown clay loam 3; brown clay loam large and small broken shell rock 2; brown and grey shelly streaks of limestone 3; hard and soft streaks of grey limestone blue shelly limestone 36. Clay 48; rock 69. Clay 5; limestone 30. Dark clay loam 3; brown clay loam broken shell rock 1½; brown shell rock 3; hard and soft streaks grey limestone 36. Clay shale 4; Niagara rock 25. Clay 4; limestone 26. Clay 32; red shale rock 40. Clay 32; red shale rock 40. Dark clay loam 3; broken stone 1; broken shell rock 4; grey lime-stone 36. Very black clay loam 3; brown and grey clay odd stone 5; brown and grey clay bed of large and small stones 7; brown and grey clay 12; very soft blue clay 22; grey limestone 34. Top soil 3; red shale 18. Clay loam loose broken shell rock 2; grey limestone 25. Clay 14; rock 25. Clay 12; rock 21. Dark clay loam 3; brown clay odd stone pebbles 14; brown and greyish clay mixed stones 44; shell rock very thin layer clay 5; hard and soft grey limestone 20. Clay 13; rock 26. Clay 9; Niagara rock 49. Clay 14; Niagara rock 38. Clay 16; rock 45. Clay 15; rock 36.
Con V	" 20	J. Dunbar	Aug. 18, 1953	6½	13	16	8	Fresh	D	Clay 11; red shale 25.
Con V	" 20	R. Averink	Oct. 9, 1953	6	17	32	32	"	D	Grey clay 35; red clay 40; red shale rock 50.
Con V	" 20	R. Kemner	Oct. 14, 1953	6	17	15	15	"	D	Clay 35; Niagara rock 76.
Con V	" 21	R. Reson	Sep. 29, 1953	6½	17	15	15	"	D	Clay 2; shale 6; limestone 34.
Con V	" 21	J. Lago	Oct. 6, 1953	6½	13	24	15	"	D	Brown clay loam 3; brown clay loam large and small broken shell rock 2; brown and grey shelly streaks of limestone 3; hard and soft streaks of grey limestone blue shelly limestone 36. Clay 48; rock 69. Clay 5; limestone 30. Dark clay loam 3; brown clay loam broken shell rock 1½; brown shell rock 3; hard and soft streaks grey limestone 36. Clay shale 4; Niagara rock 25. Clay 4; limestone 26. Clay 32; red shale rock 40. Clay 32; red shale rock 40. Dark clay loam 3; broken stone 1; broken shell rock 4; grey lime-stone 36. Very black clay loam 3; brown and grey clay odd stone 5; brown and grey clay bed of large and small stones 7; brown and grey clay 12; very soft blue clay 22; grey limestone 34. Top soil 3; red shale 18. Clay loam loose broken shell rock 2; grey limestone 25. Clay 14; rock 25. Clay 12; rock 21. Dark clay loam 3; brown clay odd stone pebbles 14; brown and greyish clay mixed stones 44; shell rock very thin layer clay 5; hard and soft grey limestone 20. Clay 13; rock 26. Clay 9; Niagara rock 49. Clay 14; Niagara rock 38. Clay 16; rock 45. Clay 15; rock 36.

12. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY-cont.										
Con V	A.Jackson	S.W.Merritt	Nov.10,1954	5½	17	16	16	Fresh	D	Clay 14;Niagara rock 31.
Con V	W.H.Gamble	R.Embleton & Son	Mar. 9,1954	6	6	27	12	"	D	Rich loam 2;brown clay 1;loam 4;brown and grey clay mixed odd stone small pebbles 9;blue clay 18;grey limestone 35.
Con V	C.Marshall	"	Apr.24,1954	5½	5	40	27	"	D	Dark clay loam 2;brown clay loose shell rock 1½;loose and shelly brown and grey limestone 3;white and grey limestone mixed 5;grey limestone 48.
Con V	A.Finton	S.W.Merritt	Oct.10,1954	5½	8	30	20	"	D	Clay gravel 18;Niagara rock 36.
Con V	CHDH TV. Stn.	A.B.Clark	Nov.20,1953	6½	5	30	15	"	P	Top soil 3;yellow clay 7;limestone 74.
Con VI	L.Weedle	W.Packham	Apr.27,1954	6½	17	15	10	"	D	Clay 13;limestone 20.
Con VI	A.E.Lovey's	R.Embleton & Son	Oct.21,1953	6½	8	27	11½	slight	D	Brown clay top soil 3;brown clay loam odd little stone 2;hard grey clay little stones some pebbles 9;hard grey limestone 31.
Con VI	"	"	Jun.19,1954	6	6	21	6	Sulphur	D	Loose stones silt 11;very hard grey limestone 26.
Con VI	D.Brown	"	Nov.16,1953	6½	8	31	19½	Mineral	D	Dark clay loam 1;brown clay odd stone 3;hard stony brown clay 10;hard grey limestone 34.
Con VI	J.Sara	S.W.Merritt	Dec. 7,1953	6	17	25	25	Sulphur	D,S	Clay 14;Niagara rock 38.
Con VI	A.Skowarek	"	Apr.38,1953	6½	17	16	7	Sulphur	D	Clay 11;rock 24.
Con VI	M.Blaszerek	"	May 12,1953	6½	10	13	8	Fresh	D	Clay 13;rock 21½.
Con VI	S.Parynyez	"	May 12,1953	6½	12	16	8	"	D	Clay 12;rock 21.
Con VI	N.Mika	"	Oct.18,1953	5½	3	16	8	"	D	Clay 12;Niagara rock 24.
Con VI	D.Retius	"	Apr.28,1953	5½	5	27	8	"	D	Clay 18;rock 27.
Con VI	E.Warek	"	Oct.26,1953	5½	17	22	22	"	C	Clay 13;limestone 31.
Con VII	J.Penfold	"	Jun.12,1954	5½	17	14	14	"	C	Clay boulders 19;Niagara rock 24.
Con VII	D.Murray	"	Aug.14,1954	5½	17	25	19	"	D	Clay 16;Niagara rock 46.
Con VII	Site Siter's Camp	R.Embleton & Son	Jul.23,1953	6½	9	25	12	"	P	Rich dark loam 2;brown clay odd stone 6;brown and grey clay mixed pebbles stones 13;soft streaks of blue clay 20;broken loose rock 21;grey limestone 31.
Con VII	J.V.Hey	"	Aug.29,1953	6	30	16	12	"	D	Grey clay loam 1; mixture of brown and grey clay streaks 3; brown clay odd stone few pebbles 8;blue clay odd flat stone 10;
Con VII	O.Champagnolo	"	Dec.23,1953	6½	10	25	18	slight	D	Shell rock 11;grey limestone 25.
Con VII	R.O.Newman	R.Embleton & Son	Aug.19,1953	6	20	19	13½	Sulphur	D	Dark clay loam 2;brown clay 1½;grey clay odd small stone pebbles 14;very soft blue clay 20;blue clay stone 21;hard grey limestone 31.
Con VII	W.North	W.Packham	Dec. 2,1953	6½	8	25	10	Fresh	D	Dark clay loam 1;brown clay odd stone 3;mixture of brown and grey clay some pebbles 10;soft blue clay loose rock 16;grey limestone 30.
Con VII	N.Hilheast	A.B.Clark	May 7,1954	6½	2	16	18	"	D	Clay 6;very open shale 9;solid rock 38.
Con VII	J.Kingston	"	Jul 3,1954	6½	20	16	10	"	D	Brown clay 23;limestone 37.
Con VII	E.W.Ross	"	Sep.10,1954	6½	2	30	17	"	D	Brown clay 22;limestone 32.
Con VII	H.Nudds	R.Embleton & Son	Oct. 1,1954	6	30	19	17	"	D	Clay 11;limestone 30.
Con VII	J.Sandoni ja	A.B.Clark	Oct.16,1954	6½	10	20	10	"	D	Dark clay loam 1;brown clay loam 2;brown clay 3;mixture of stones 13;brown limestone 26;very dark loose limestone 29.
Con VII	G.Glenn	"	Oct.22,1954	6½	20	11	11	"	D	Brown clay 7;limestone 34.
Con VII	J.Goddard	"	Dec. 7,1954	6½	5	15	10	"	D	Clay 16;limestone 31.
Con VII	E.Harse	S.W.Merritt	May 12,1953	5½	17	19	19	"	D	Clay 3½;grey limestone 31.
Con VII	E.Bern	"	Oct.20,1953	5½	17	26	24	"	D	Clay 27;rock 28.
Con VII	R.A.Clee	"	Oct.22,1953	6½	17	24	24	"	D	Clay 28;Niagara rock 31.
Con VII	A.Dymond	"	Oct.20,1954	6½	17	30	30	"	D	Clay 28;Niagara rock 30.
Con VII	G.Gorpa	"	Aug.28,1953	5½	17	25	20	"	D	Clay 33;Niagara rock 50.
Con VIII	G.Smale	"	Feb.18,1954	6½	17	19	19	"	D	Clay 42;rock 44.
Con VIII	"	"	"	"	"	"	"	"	D	Clay 44;Niagara rock 45.

Con VIII	G. Corpa	S.W. Merritt	May 22, 1954	5 1/2	17	18	16	Fresh	D.S.	Clay 44; Niagara rock 45.
Con VIII	lot 19	"	Oct. 2, 1954	5 1/2	17	26	25	"	D	Clay 44; boulders gravel 42; gravel 44.
Con VIII	"	"	Oct. 2, 1954	5 1/2	13	28	26	"	D	Clay 40; boulders gravel 42; gravel 44.
Con VIII	"	"	Oct. 2, 1954	5 1/2	13	28	26	"	D	Clay 40; boulders gravel 42; gravel 44.
Con VIII	"	"	May 1, 1954	5 1/2	17	20	16	"	D	Clay 31; Niagara rock 32.
Con VIII	"	"	Aug. 29, 1953	5 1/2	17	10	10	"	D	Clay 26; rock 28.
Con VIII	"	"	Dec. 11, 1953	5 1/2	18	10	25	"	D	Clay 34; rock 35.
Con VIII	"	"	Dec. 9, 1953	6	13	15	8	"	D	Clay 9; rock 26.
Con VIII	"	"	Oct. 4, 1954	6 1/2	17	30	28	"	D	Clay 2; Niagara rock 50.
Con VIII	"	"	Apr. 27, 1953	6 1/2	15	12	10	"	D	Top soil 1; yellow clay 6; limestone 45.
Con VIII	"	"	Apr. 30, 1953	6 1/2	15	12	10	"	D	Top soil 1; yellow clay 6; limestone 45.
Con VIII	"	"	May 5, 1953	6 1/2	15	12	10	"	D	Top soil 2; yellow clay 5; limestone 44.
Con VIII	"	"	Dec. 20, 1953	6 1/2	17	24	22	"	D	Clay 20; Niagara rock 33.
Con VIII	"	"	Mar. 18, 1954	6 1/2	18	14	10	"	D	Brown clay 23; limestone 30.
Con VIII	"	"	May 8, 1954	6 1/2	15	12	10	"	D	Brown clay 17; limestone 34.
Con VIII	"	"	Jun. 10, 1954	6 1/2	25	18	11 1/2	"	D	Dark clay loam 1; brown clay odd small stone 3; mixture of brown and grey clay few pebbles 13; blue clay 19; blue clay loose broken rock 20; grey limestone 32.
Con VIII	"	"	Jul. 7, 1954	6	5	24	3	"	D	Dark clay loam 1; brown clay odd small stone 2; layer of loose bedrock 2 1/2; hard and soft streaks of grey limestone 27.
Con VIII	"	"	Jul. 12, 1954	6 1/2	35	12	9	"	D	Dark clay loam 2; brown clay 2; mixture of brown and grey clay odd stone 3 1/2; loose shell rock 4 1/2; brown limestone 25; grey limestone 32.
Con VIII	"	"	Sep. 27, 1954	6	35	7	5 1/2	"	D	Dark clay loam 1; brown clay loam 2; mixture brown clay odd stone 3; loose large and small rocks mixture of clay 5 1/2; brown limestone 20.
Con VIII	"	"	Jun. 4, 1953	6 1/2	10	35	25	"	D	Top soil 2; yellow clay 40; limestone 72.
Con VIII	"	"	Aug. 4, 1953	5 1/2	7	18	20	"	D	Clay 30; rock 49.
Con VIII	"	"	Jul. 15, 1954	6 1/2	30	18	10	"	D	Dark clay top soil 1; brown clay odd stone 4; brown clay grey seams some small pebbles 13; grey limestone 31.
Con VIII	"	"	Oct. 7, 1953	6 1/2	8	20	10	"	D	Yellow clay 16; limestone 31.
Con VIII	"	"	Jun. 16, 1954	6	30	19	13	"	D	Dark clay loam 2; brown clay odd small stone 4; mixture of brown and grey clay few pebbles odd stone 10; shell rock 11; grey limestone 34.
Con VIII	"	"	Sep. 20, 1954	6	35	25	22	"	D	Brown clay fill 3; dark clay loam 4; brown clay odd stone 10; mixture of brown and grey clay odd large stone 12; loose large and small stones 13; grey limestone 35; brown limestone seam 37.
Con VIII	"	"	Dec. 4, 1954	6 1/2	35	27	24	"	D	Grown clay fill 3; dark clay loam 5; brown clay odd stone 7; grey clay odd stone 10; brown and grey limestone 4.
Con VIII	"	"	Jul. 22, 1954	6	30	29	25	"	D	Brown clay stone 1; brown clay odd stone 7; mixture of brown and grey clay odd flat stone 12; loose broken rock 13; hard grey and white limestone 45.
Con VIII	"	"	Jul. 13, 1953	6 1/2	10	7	7	Fresh	D	Blue clay, little gravel 13; clean gravel 15.
Con VIII	"	"	Jul. 16, 1953	6 1/2	20	45	9	"	P	Brown clay 9; brown fine sand stone 20; limestone 72. Dry hole.
Con VIII	"	"	Jul. 29, 1953	6 1/2	35	12	9	"	P	Brown clay 6; limestone 40.
Con VIII	"	"	Sep. 12, 1953	6 1/2	35	45	12	"	P	Brown sand loam clay 15; limestone 52.
Con VIII	"	"	Nov. 9, 1954	6 1/2	1	49	49	Fresh	P	Sandy loam 18; sand 45; quicksand 100; blue clay 115; limestone 135.
Con VIII	"	"	Jun. 17, 1954	6 1/2	5	27	27	"	P	Clay loam 20; gravel clay 74; limestone 120.
Con VIII	"	"	Aug. 24, 1953	6 1/2	1	57	84	"	P	Sand clay 63; limestone 93.
Con VIII	"	"	Oct. 20, 1953	6 1/2	99	99	58	"	D	Sandy clay 60; clay 98; limestone 143.
Con VIII	"	"	Apr. 14, 1953	6 1/2	125	49	42	Sulphur	D	Clay gravel 30; boulders 32; clay sand 55; sand 109; limestone 125.
Con VIII	"	"	Apr. 20, 1953	6 1/2	120	42	42	"	D	Clay gravel 30; clay sand 70; sand 102; limestone 120.
Con VIII	"	"	May 4, 1953	6 1/2	36	36	36	Fresh	D	Clay gravel 40; sand 54; limestone 82.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION		OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
WENTWORTH COUNTY--cont											
West Plamborough Twp											
Con I	lot 6	M. Marsh	R. Swayze	May 20, 1953	6 1/2			28	Fresh	D	Clay 15; stone 25; sand 52; limestone 80.
Con I	" 6	B. Kear	"	Jun. 5, 1953	6	5		40	Sulphur	D	Clay gravel 40; clay 105; limestone 110.
Con I	" 6	School	I. L. Davis	Sep. 15, 1954	6	10	30	20	Fresh	P	Blue clay 100; quicksand 120.
Con I	" 6	Five Dollar	R. Swayze	Oct. 25, 1954	6		50	49	"	In	Boulders 20; clay gravel 50; sand gravel 69.
Con I	" 7	Battery Works	"	Sep. 15, 1953	6			16	"	D	Clay 20; limestone 35.
Con I	" 7	M. Crowe	"	Jul. 6, 1954	6	6		58	Sulphur	D	Clay 101; limestone 140.
Con I	" 7	G. McEwen	"	Nov. 16, 1954	6	2	25	21	Fresh	D	Sandy loam 20; sand 25; limestone 40.
Con I	" 8	O. Prill	"	Apr. 6, 1953	6			14	"	D	Clay 27; limestone 37.
Con I	" 8	D. Hayes	"	Jul. 10, 1953	6	10	52	49	"	D	Clay 50; sandy clay 58; limestone 71.
Con I	" 8	D. Jess	"	Nov. 12, 1954	6			11	"	D	Clay 12; boulders 17; sand gravel 21; limestone 30.
Con I	" 9	H. Taylor	"	Aug. 14, 1953	6	5	57	37	"	D	Boulders 20; gravel 60; sandy clay 63; limestone 72.
Con I	" 9	F. Arnold	"	Jun. 23, 1954	6	10	19	17	"	D	Clay 60; clay gravel 79; limestone 91.
Con I	" 9	R. Dawson	"	Oct. 7, 1954	6	6	28	14	Fresh	D	Clay 30; sand gravel 39; limestone 50.
Con I	" 9	R. Dilks	"	Nov. 12, 1954	6	3	45	27	"	D	Clay 19; hard grey rock 35.
Con I	" 10	A. Fellar	S. R. Gall	Apr. 10, 1954	6	15	10	8	"	D	Gravel boulders 26; limestone 45.
Con I	" 10	M. Conrad	J. O'Connor	May 28, 1954	6	3	25	16	"	D	Clay 18; limestone 33.
Con I	" 10	S. Philp	R. Swayze	Jul. 21, 1954	6	7	18	28	"	D	Fill 5; brown clay 19; boulders gravel 22 1/2; hard rock 38.
Con I	" 10	E. F. Simpson	S. R. Gall	Nov. 18, 1954	6	15			"	D	Clay 50; dry hole.
Con I	" 12	T. Clements	R. Swayze	Aug. 31, 1954	6	3		55	Fresh	D	Sandy loam 40; red sand 80; quicksand 100; clay 116; limestone 133.
Con I	" 13	C. Boul	"	Sep. 7, 1954	6	2		44	"	D	Sandy loam 40; red sand 80; quicksand 100; clay 116; limestone 132.
Con II	" 1	G. Crosby	"	Oct. 25, 1954	6	3	50	55	"	D	Dark soil 2; brown clay 64; brown clay pebbles 70; sand 87; grey clay 148; fine grey sand 153; limestone 162.
Con II	" 1	L. Hicks	"	Oct. 29, 1954	6	4		44	Sulphur	D	Sand 20; limestone 28.
Con II	" 6	R. D. Fleck	S. R. Gall	Sep. 24, 1954	6			15	Fresh	D	Clay sand 12; sand 27; limestone 40.
Con II	" 8	F. Kust	R. Swayze	Sep. 16, 1953	6	12 1/2	25	19	"	D	Clay gravel 40; sand gravel 46; limestone 56.
Con II	" 8	W. Wetherelt	W. Packham	Mar. 10, 1954	6		30	24	"	D	Sand 20; boulders 25; gravel 51; limestone 57.
Con II	" 9	Y. Pringer	R. Swayze	May 15, 1953	6	5	27	21	"	P	Dirty gravel 14; quicksand 44; limestone 54.
Con II	" 9	Anglican Church	"	Jul. 19, 1954	6	1	53	27	"	D	Clay 15; boulders sand 39; limestone 56.
Con II	" 9	H. Marshall	J. O'Connor	Aug. 26, 1954	6			37	"	D	Clay gravel 60; sand 68; limestone 81.
Con II	" 10	T. Clark	R. Swayze	May 8, 1953	6		57	37	"	D	Sand 2; boulders 18; limestone 20.
Con II	" 10	H. Waldrum	"	Jul. 18, 1953	6	1	12	12	"	D	Coarse red sand 12; limestone 32.
Con II	" 10	G. Hibbert	"	Oct. 30, 1953	6			27	"	D	Clay 25; red sand 30; limestone 45.
Con II	" 10	J. Scottnicki	"	Nov. 11, 1953	6	3	20	18	"	D	Gravel red clay 24; limestone 37.
Con II	" 10	R. Holmes	"	Jun. 2, 1954	6	25	25	20	"	D	Gravel red clay 21; limestone 33.
Con II	" 10	W. Nicholl	"	Jun. 2, 1954	6	10	20	20	"	D	Sandy loam 22; gravel clay 39; limestone 66.
Con II	" 10	D. Roberlard	"	Jun. 4, 1954	6	10	15	13	"	D	Clay 10; sand gravel 14; limestone 25.
Con II	" 10	W. Vanderberg	"	Jun. 10, 1954	6	8	29	20	"	D	Clay 10; sand gravel 21; limestone 40.
Con II	" 10	W. Grighimire	"	Sep. 10, 1954	6	4	16	16	"	D	Clay 5; clay boulders 26; limestone 45.
Con II	" 10	R. Sherwin	"	Sep. 16, 1954	6	5	32	29	"	D	Clay 10; sand clay 35; limestone 67.
Con II	" 10	E. Pike	"	Sep. 28, 1954	6	4		32	"	D	Clay gravel 48; gravel 51; limestone 60.
Con II	" 10	H. Pastry	"	Oct. 2, 1954	6		10	10	"	D	Clay 28; boulders 32; limestone 50.
Con II	" 10	H. Whatmough	"	Oct. 2, 1954	6		37	32	"	D	Gravel boulders 68; limestone 70.
Con II	" 11	K. Fisher	"	Jul. 23, 1953	6	20		30	"	D	Sand 34; limestone 42.
Con II	" 11	C. Atkins	S. R. Gall	Sep. 8, 1953	6		15	15	"	D	Clay 10; gravel 32; limestone 54.
Con II	" 11	J. Kyles	R. Swayze	Jun. 1, 1954	6		18	18	"	D	Clay 20; gravel 32; limestone 40.
Con II	" 12	H. Rayner	"	Aug. 18, 1953	6	10	45	18	"	T	Soil 1; brown clay 10; gravel 11; blue clay 12 1/2.
Con II	" 12	H. Frankum	"	Sep. 1, 1953	6	1 1/2	45	18	"	D	Blue clay 18; limestone 45.
Con II	" 12	J. Fisher	"	Jul. 31, 1954	6	1 1/2			"	D	
Con II	" 14	C. Caromicoli	E. Pegg	May 20, 1954	6				"	D	
Con II	" 19	F. C. Pearce	J. O'Connor	May 20, 1953	6				"	D	
Con II	" 19	E. Maher	"	May 25, 1953	6				"	D	

WENTWORTH COUNTY-cont.

[illegible]

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix 2. Clay 140; soft blue clay 43; sand 50; cemented gravel 65; hard blue clay 100; blue clay streaks of brown clay 105; blue clay small stones 114; sand 120; quicksand 130; blue clay 135; gravel 147.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont. East Gwillimbury Twp										
Con IV lot 12	S.Evans	Keswick Well Drilling Co.	Feb.10,1954	4	3	30	Flows	Fresh	D, S	Black clay 51;brown clay small stones 30;grey sand 43;grey clay 45;grey sand 80;gravel 82.
Con VI "	W.Lawson	F.Broadway	Jul. 7,1954	5 $\frac{1}{2}$	3 $\frac{1}{2}$	30	24	"	D	Red sand clay 24;coarse sand 55.
Con VII "	H.Ewen	"	Jan.22,1954	5 $\frac{1}{2}$	4	60	50	"	D, S	Dug well 50;silt clay 104;hard clay stone 108;fine sand.
Con VIII "	J.Hammett	"	Jan.13,1953	4 $\frac{1}{2}$			Flows	"	P	Sandy clay 18;blue clay 50.
Con VIII "	Mount Albert Community Park	"	Jan.14,1954	5 $\frac{1}{2}$			Flows	"	P	Dug well 30;hard blue clay 50;fine sand 80;gravel 85.
Con VIII "	G.Price	"	Mar.23,1953	4 $\frac{1}{2}$	5	48	46	"	D	Clay 15;blue clay gravel 46;sand gravel 66.
Con IX "	G.Humpage	"	Aug.25,1953	5 $\frac{1}{2}$	5	15	5	"	D	Swamp soil 16;hardpan boulders 114;gravelly clay 126;rock.
Con IX "	J.Forfar	"	Jul. 3,1954	5 $\frac{1}{2}$	3 $\frac{1}{2}$	55	50	"	D	Red sand clay 50;sand gravel 77.
YSE Con I "	Devisleather Co.Ltd.	International Water Supply Ltd.	May 1,1953	4	30	36	Flows	"	T	Fill 12:black muck 15;silt blue clay 24;blue clay gravel boulders 158;soft blue clay 66;clay gravel 70;clay boulders 75;gravel 78;clay 79 $\frac{1}{2}$;gravel 84;clay 85;gravel 89;clay gravel 102. Abandoned.
YSE Con I "	"	"	May 14,1953	7 $\frac{1}{2}$					T	Fill 12;muck 15;silty blue clay 24;clay gravel boulders 75 $\frac{1}{2}$;gravel 78;clay 79 $\frac{1}{2}$;gravel 84;clay 85;gravel 89;clay gravel boulders 108;gravel boulders 117;clay gravel boulders 243;sharp gravel 246;clay gravel boulders 276;spale 278. Abandoned.
YSE Con I "	"	"	Jun.19,1953	7 $\frac{1}{2}$			Flows	Fresh	T	Top soil 1;brown clay muck 5;blue clay gravel sand 12;blue clay boulders gravel 13;fine sand fine gravel 22;blue clay boulders gravel 24;fine sand 34;blue clay gravel streaks of fine sand 52;hard packed blue clay sand gravel 71;soft blue clay 79;blue clay gravel 83;fine sand 90;blue clay gravel 96;gravel sand 97;fine sand 115;gravel sand clay 122;blue clay gravel 140; hard packed blue clay gravel 178;blue clay 202;hard blue clay 216;broken gravel sand streaks of cemented clay 230;gravel 223;broken gravel sand streaks of cemented clay 230;gravel sand loose clay 239;cemented sand gravel 243;broken gravel clay 245;cemented sand gravel 246;gravel sand clay 248;cemented sand gravel boulders 254;cemented sand gravel 262;bedrock 264. Abandoned.
YSE Con I "	"	"	Jun.26,1953	4	132	35	Flows	Fresh	T	Top soil 1;brown sandy clay 10;blue clay sand gravel 24;gravel sand streaks of clay 45;boulders clay gravel 46;gravel fine sand streaks of clay boulders 55;blue clay gravel boulders 57;blue clay fine sand boulders 65;cemented sand gravel boulders 69;blue clay 75;silty sand 80;blue clay 86;silty sand streaks of clay 97;blue clay silty sand gravel 100;gravel sand streaks of clay 112;gravel sand boulders streaks of clay 119;cemented sand gravel boulders 120.
YSE Con I "	"	"	Jul. 2,1953	4	53	24	4 $\frac{3}{4}$	Fresh	T	Top soil 1;brown sandy clay 9;coarse gravel sand boulders 13;blue clay silty sand 19;blue clay gravel 24;blue silty clay 35;gravel sand 44;dirty gravel boulders 46;soft silty clay some gravel 57;blue clay gravel 59.
YSE Con I "	"	"	Aug.18,1953	4					T	Top soil 1;brown clay old wood 10;blue clay gravel 23;silty clay loose gravel 45;gravel fine sand streaks of boulders and clay 50;blue sandy clay streaks of soft gravel 62;blue sandy clay streaks of hard packed gravel 65;hard blue clay 77;silty sand clay 82;hard blue clay 86;silty sand 91;silty sand streaks of clay 97;boulders gravel sand 98;sandy clay streaks of gravel 110;boulders sand gravel streaks of clay 114;dirty gravel sand clay boulders 122;cemented sand gravel 125;hard blue clay streaks of gravel 141;hard blue clay 146;soft blue clay 152; (continued next page)

YORK COUNTY-cont.

East Gwillimbury

YSE Con I lot 96

YSE Con I lot 106

YSE Con I lot 106

YSE Con I lot 106

YSE Con I lot 106

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continued:

hard blue clay 183; soft blue clay 200; hard blue clay 217;

hard packed broken gravel boulders clay 224; cemented sand

gravel 226; hard packed broken gravel boulders clay 234;

dirty gravel sand streaks of clay 241; very hard cemented

sand gravel streaks of clay 249.

Gravel 40; clay 90; gravel 100.

Clay 100; sand 120.

Dug well 38; blue shale 85.

Top soil 1; brown clay sand 30; muddy blue sand 50; loose shale

stones 57; hard blue shale 90.

Dug well 48; brown fine muddy quicksand 58; coarse streak 63;

blue muddy sand 73; blue shale 98.

Brown clay 12; blue clay 41; blue clay with gravel stone sand

56; blue shale 100.

Dark soil 2; sandy brown soil 4; sandy brown clay 13; blue clay

stone 18; grey clay stones 23; thick grey clay stones 37; light-

grey clay 41; grey clay gravel 44; silty grey clay 48.

Dark top soil 2; brown sandy clay 14; blue clay stones 32; blue

clay 40; silty blue clay 55; blue shale 88.

Brown sandy soil 3; brown sandy clay 14; blue clay stones 33;

blue clay 40; fine silty clay 55; blue shale 56.

Brown clay 20; blue clay 30; hardpan 65; blue shale 103.

Yellow clay 3; blue clay 18; silty sand 54; hard blue shale 125.

Fill 5; brown clay 18; blue clay 39; hardpan boulders 60; loose

shale 65; solid shale 111.

Brown hard clay 20; blue clay 30; hardpan 35; blue shale 80.

Fill 5; brown clay 18; blue clay 40; hardpan 65; blue shale 112.

Fill 6; boulders clay 78; slate 14; clay 18; gravel clay 25;

gravel 26; shale 27.

Loam 6; boulders clay 8; gravel clay slate 20; clay 24; gravel 26;

clay gravel 34; shale 37.

Fill 7; boulders gravel 8; blue clay 12; clay gravel 16; clay gravel

slate 18; gravel clay 24; gravel clay 35; shale 37.

Top soil 2; brown clay 18; blue clay 44; hardpan gravel 60; blue

shale 88.

Top soil 2; grey clay 15; clay sand 28; clay 38; sand 39; slate 41;

sand 43; clay silt sand 54; gravel 56; clay gravel 72; shale 74;

Top soil 1; grey clay 29; sand 30; blue clay 34; soft clay slate

streak 37; blue clay 40; sandy clay slate streaks 45; sandy clay

57; coarse sand 53; clay 62; gravel clay 66; clay 77; shale 79.

Top soil 1; yellowish clay stones 12; blue clay stones 25; blue

silty sand stones 38; reddish coarse sand 45; coarse sand

stones 48.

Dug well 14; sandy clay 22; sand 50; gravel 56.

Sandy clay 18; blue clay 50; gravel 52.

Yellow clay stones 30; quicksand 75; blue clay stones 110;

gravel 114.

Surface clay 10; blue clay 30; gravel 32.

Grey clay 13; blue clay stones 23; limestone 54.

clay 18; blue clay stones 30; limestone 48.

Yellow clay 6; blue clay 28; gravel 32.

Sandy red top soil 20; blue fine sand 60; clay coarse sand gravel 67

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont.										
Georgia Twp. cont.										
Con VII lot 21	Bailey/Meroer	F.R. Roadway	May 18, 1953	4 1/2	1	45	4	Fresh	P	Silt 18; blue clay 27; limestone 50.
Con VII " 21	J. Winotoy	"	Jul. 24, 1953	4	5	8	5	"	D	Clay 15; blue clay 30.
Con VII " 21	R.J. Murray	"	Aug. 2, 1954	5 1/2	5	10	8	"	D	Yellow clay 18; blue clay 41.
Con VII " 2	D. Cameron	"	May 27, 1953	4 1/2	4	22	20	"	D	Hardpan stones 20; coarse sand gravel 41.
Con VIII " 7	O. Seale	"	Apr. 30, 1953	4 1/2	1	75	32	"	D	Hardpan stones 20; sand 35; quicksand 46; blue clay silt 65;
Con VIII " 18	S.D. Perry	F.R. Roadway	Dec. 12, 1953	5 1/2	2 1/2	20	4	"	D	Hardpan stones 20; limestone 88.
Con VIII " 25	G. Hughes	Reliance Well Dril	May 28, 1953	2	1	35	20	"	D	Hard clay stones 8; limestone 30.
Con VIII " 25	"	F.R. Roadway	Sep. 2, 1953	5 1/2	1	35	20	"	D	Silt 9; hard clay small stones 33; rock. Dry hole.
King Twp.										Clay 16; gravelly clay 20; hardpan stones 54; limestone 64.
Con I lot 61	G. Taylor	Jefferson Drill.	Jun. 3, 1953	5 1/2	5	136	136	Fresh	D	Yellow clay 32; sand 156.
Con I " 65	L. Gordon	R.B. Renwick	Jun. 22, 1953	6	5	296	100	"	D	Sandy clay 18; grey clay 132; fine sand clay 165; blue sticky clay 273; hardpan gravel 285; clay sand 287; fine sand silt 289; sand 291; blue clay gravel 296. Abandoned.
Con I " 67	School	International Water Supply Ltd.	Sep. 4, 1953	5 1/2				"	T	Top soil 1; brown clay 5; sand gravel boulders clay 7; soft blue clay silty sand 148; hard blue clay 156; very dirty blue clay sand 157; blue clay small streaks of gravel 167; cemented sand gravel 169; blue clay small streaks of gravel 172; very dirty blue clay gravel 179; cemented sand gravel 182; hard blue clay 190; hard blue clay little gravel 255; blue clay boulders gravel 256; hard blue clay little gravel 326; boulders clay 326; blue clay little gravel 335; boulders clay 335; blue clay little gravel 358; boulders clay little gravel 354; blue clay little gravel 368; boulders clay little gravel 388; blue clay little gravel 427; blue sandy clay little gravel 436; boulders clay gravel 437; blue sandy clay gravel 448; blue clay little gravel 454; blue clay little gravel streaks of sand 458; blue sandy clay little gravel 479; shale 482.
Con I " 67	School	International Water Supply Ltd.	Sep. 21, 1953	4	10		49 1/2	Fresh	P	Top soil 1; brown clay 9; soft blue clay little gravel 117; blue clay boulders 117; soft blue clay little gravel 122; blue clay boulders 122; blue sandy clay silt streaks of gravel 141; blue clay little hard gravel 181; hard packed clay sand gravel 183; sandy blue clay little gravel 275; cemented sand gravel boulders 275.
Con I " 70	F. Coon	Jefferson Drill.	May 17, 1954	2	4	45	45	Fresh	S	Clay 70; sand 85.
Con I " 73	J.R. Jennings	R.B. Renwick	Sep. 20, 1954	2	3	65	65	"	D	Sandy top soil 1; brown sand 41; blue sand 136.
Con I " 74	E.A. Bunn	"	Sep. 2, 1954	2	3	80	80	"	D	Top soil 1; brown sand 117; brown sand gravel 122.
Con II " 1	Town of Newmarket	International Water Supply Ltd.	Nov. 18, 1954	7 1/2				"	T	Top soil 2; brown clay gravel 8; blue clay gravel boulders 9; blue clay gravel silt 28; sandy blue clay boulders 195; fine gravel 133; soft sandy clay 142; sandy clay streaks of gravel 177; soft sandy blue clay 193; blue clay hard packed streaks of gravel 203; blue clay soft gravel 221; hard packed blue clay sand gravel boulders 229; cemented sand gravel 230; hard packed sandy blue clay gravel 323; sandy blue clay gravel 351; hard packed sandy blue clay gravel 384.
Con II " 5	A. Jensen	F. Constable	Jun. 9, 1954	4	5	120	100	Fresh	D	Fill sand 2; blue clay 120; blue sand clay 130; fine blue sand 140.
Con II " 17	G. Hare	Richmond Hill Tel	Oct. 26, 1954	4	5	140	130	"	D	Top soil 6; clay 32; sand 228.
Con II " 17	L. Hamilton	F. Constable	Aug. 16, 1953	2	3	57	57	"	D, S	Sandy top soil 3; yellow sand 38; fine blue sand 115.
Con II " 10	C.F. Harris	"	May 25, 1954	4	5	60	20	"	D	Brown soil 10; yellow sand 16; blue sand clay 30; blue clay 180; fine sand 187; blue sand 195.

	6	N. Donway	International Water Supply Ltd.	Sep. 22, 1954	7½					T
Con III	"	29	C. Mann	Jun. 15, 1953	4					Top soil 2; boulders gravel sand brown clay 5; blue clay 7; gravel sand blue clay 11; sandy blue clay streaks of gravel 39; sandy blue clay hard packed streaks of gravel 5; boulders sandy blue clay 61. 55; blue clay 68; blue clay gravel 111; boulders clay gravel 114; sandy blue clay hard packed gravel 122; sandy blue clay gravel boulders streaks 132; blue clay 157; sandy blue clay gravel 159; blue clay 165; cemented sand gravel boulders 167; hard sandy blue clay 187; blue clay gravel streaks 220; hard blue clay 310; blue clay hard packed and streaked sand gravel 327; cemented sand gravel boulders 329; blue clay hard packed gravel 331; black shale 342.
Con IV	"	16	J. Aird	Jul. 10, 1954	4					Sand small stone 40; sand boulders 48; blue clay 60; quicksand 70; blue clay 248. Dry hole.
Con IV	"	18	T. Laycock	Oct. 3, 1953	2	2½	60	55	Fresh	Brown sandy soil 4; yellow sand 165. Dry hole. Brown sandy soil 4; yellow sand 85. Dry hole. Sandy top soil 2; yellow sand 32; fine white sand 67; coarse sand 77.
Con IV	"	18	S. Lerner	Oct. 14, 1953	2	3	35	30	"	Dark sandy soil 2; yellow sand 35; fine white sand 36; coarse sand 45; gravel 55.
Con V	"	1	F. T. Nenton	Sep. 13, 1954	4	4	95	89	"	Dug well 20; blue clay 89; blue sand 102.
Con V	"	5	J. E. Lowe	Sep. 1, 1953	4	4	70	70	"	Brown clay 60; blue clay 100; grey sand gravel 135. Well later went dry.
Con V	"	5	Shell Oil Co. Canada Ltd.	Mar. 18, 1954	4½	½		70	"	Yellow clay 25; sand 42; blue clay 50; silt clay 60; hard blue clay 70; olive clay sand streaks 94; hard clay 195; fine sand 198; hard clay 215; putty clay 326. Abandoned.
Con V	"	5	B. Phillips	May 29, 1954	6	2	155	83	"	Clay 43; sand 45; sandy clay 237; boulders 239; clay 248; clay gravel 265.
Con V	"	5	R. B. Benwick	Dec. 17, 1954	3	4½	100	90	"	Previously drilled 265; blue clay 362; sand 364; blue clay 436; fine sand 502.
Con V	"	15	Sep. School	Sep. 24, 1953	2	3	80	55	"	Top soil 2; sandy loam 48; yellow clay 62; fine sand 77; coarse sand 93.
Con V	"	16	W. H. Johnson	Mar. 16, 1954	4					Sandy soil 1; yellow clay little sand 70; fine yellow sand 95; yellow sand few pebbles 110; yellow clay sand pebbles 160; blue clay sand pebbles 210; blue clay pebbles 285. Dry hole.
Con V	"	16	J. Aird	Mar. 19, 1954	4					Sandy soil 2; yellow clay little sand 17; clay little sand pebbles 50. Dry hole.
Con V	"	16	F. R. Roadway	Sep. 29, 1954	5½	3	175	169	Fresh	Sand clay 30; sand stone 100; sand clay 150; sand stone 165; coarse sand gravel 186.
Con V	"	26	Ont. Dept. of Public Works	Oct. 16, 1954	6	10	70	32	"	Silt 10; sand 40; blue clay 70; clay gravel 78; clay 92; gravel 102.
Con VI	"	5	L. Boys	Sep. 17, 1953	4			65	"	Brown clay 30; blue clay 65; grey sand gravel 105.
Con VI	"	7	D. C. Henderson	May 7, 1953	4	1	180	100	"	Top soil 2; blue clay 18; fine sand 20; blue clay 28; fine sand 31; soft white clay 210; fine sand 230.
Con VII	"	3	J. A. Frood	Sep. 18, 1953	5			Flows	"	Blue clay 70; grey clay gravel 92.
Con VII	"	6	W. MacDonald	Jul. 15, 1954	24			40	"	Brown clay few pebbles 20; grey clay few pebbles 40; grey sand 52.
Con VII	"	6	M. Babuk	Jul. 27, 1954	24			39	"	Brown clay few pebbles 18; grey clay pebbles 36; grey sand 39; grey clay 45; grey coarse sand gravel 47.
Con VII	"	12	E. M. Dillian	Oct. 8, 1953	4	150	66	59½	"	Top soil 1; brown clay 31; blue clay 37; silty sand clay 65; silty sand 68; blue silty clay 110; gravel sand clay streaks 114; blue clay 125; silty sand clay streaks 197; blue clay sand hard packed gravel 207; silt little sand fine gravel clay 256; cemented sand gravel 257; fine silty clay gravel streaks 265; gravel fine sand clay streaks 274.
Con VIII	"	5	G. L. Hill	Dec. 3, 1953	24			14	"	Brown clay little sand 14; grey clay 30; fine grey sand 32.
Con VIII	"	5	R. H. Kenney	Dec. 12, 1953	36			20	"	Brown sandy clay 4; fine brown sand 9.
Con VIII	"	5	R. H. Wonch	Jun. 12, 1954	3	25			"	Brown clay 15; blue clay 35; gravel 40.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont. King Twp.cont.										
Con VIII lot 7	G. Broad	M. Babluk	Sep. 23, 1953	24			31	Fresh	D	Brown clay red streaks 20; hard grey clay 29; brown sand 31; brown clay red streaks 40; brown coarse sand.
Con VIII " 7	"	"	Sep. 26, 1953	24			32	"	D	Brown clay little sand 15; grey clay few pebbles 30; brown coarse sand 32; hard brown clay 39; brown sand 40.
Con VIII " 10	T. Kelly	C. H. Rutledge	Nov. 17, 1954	3 1/4	3	100	38	"	D	Dug well 20; hard and soft streaks of blue clay 330; hardpan 377; gravel 378; hardpan 380.
Con VIII " 14	L. B. Black	F. Constable	Nov. 20, 1953	4	3	95	65	"	D	Clay soil 1; yellow clay little sand 8; blue clay 59; fine blue sand 95; blue clay 125; fine blue sand 209.
Con VIII " 16	G. E. McKay	F. R. Roadway	Apr. 3, 1954	5 1/2	2	126	100	"	D, S	Dug well 52; hard clay sand 100; quicksand 125; coarse sand 160.
Con IX " 5	S. L. Heard	M. Babluk	Jun. 9, 1953	24			8	"	D	Brown clay little sand 10; grey clay little sand 16; grey sand 18.
Con IX " 5	W. M. Bean	"	Jun. 19, 1953	24			10	"	D	Brown clay little sand 20; coarse brown sand 22.
Con IX " 5	W. Hoover	R. H. Woroch	Oct. 13, 1953	4				"	"	Yellow clay 40; quicksand 83. Dry hole.
Con IX " 5	J. Reid	"	Oct. 20, 1953	4	10	40	40	"	C	Blue clay 60; sand gravel 72; coarse gravel 80.
Con IX " 5	R. Taylor	"	Jan. 15, 1954	4	10	50	50	"	D	Clay stones 50; fine sand 95; fine gravel 105; coarse gravel 110.
Con IX " 5	G. Broad	"	Apr. 29, 1954	24			36	"	D	Brown clay pebbles 18; grey clay pebbles 36; grey sand 42 1/2.
Con IX " 5	G. Paris	M. Babluk	May 1, 1954	24			15	"	D	Brown clay few pebbles 12; grey clay few pebbles 30; grey sand some gravel 32.
Con IX " 5	T. Hill	"	May 26, 1954	24			33	"	D	Brown clay pebbles 23; brown sand 42.
Con IX " 5	R. Williams	C. H. Rutledge	Jul. 2, 1954	4 1/4	8	85	40	"	D	Top soil 1; brown clay 20; brown clay stones 40; brown muddy sand 30; coarse sand gravel 88; hardpan 90.
Con IX " 5	G. Broad	M. Babluk	Sep. 11, 1954	24	10		40	"	D	Brown clay pebbles 20; grey clay pebbles 40; brown coarse sand 48; brown clay.
Con IX " 5	G. Ferris	C. H. Rutledge	Sep. 20, 1954	4 1/4	7 1/2	103	40	"	D	Brown clay boulders 40; brown muddy sand 100; coarse sand 107.
Con IX " 7	G. Broad	F. Constable	Jan. 29, 1953	4	8	100	55	"	D	Top soil 2; clay some stones 90; fine grey sand 105; coarse sand 115.
Con IX " 33	A. Crane	M. Babluk	Aug. 12, 1953	24			12	"	D	Brown clay 15; blue clay 37; grey sand 39.
Con IX " 33	H. Rowland	"	Aug. 19, 1953	24			8	"	D	Brown clay 18; blue clay 20; sandy blue clay 24.
Con IX " 33	Hayhoe Bros.	C. Shropshire	Jun. 30, 1954	6	4	50	25	"	D, C	Yellow clay; blue clay 66; sand 70; sand clay 83; coarse gravel 85.
Con IX " 34	B. Graham	R. H. Woroch	Jun. 8, 1954	4	4	26	36	"	D	Clay stones 39; blue clay 59; gravel 61.
Con IX " 23	R. Gaultier	C. E. Salder	Jun. 24, 1953	6 1/4	3	69	86	"	D, S	Top soil 1; reddish clay sand 80; loose reddish sand 110; very thin layers of blue clay 111; medium sand small amount of gravel 119.
OS Con II " 4	J. H. Crang	F. R. Roadway	Nov. 18, 1953	5 1/2	4	120	116	"	D, S	Clay 12; hardpan 35; silt 42; blue clay stone 110; blue clay 130; coarse sand gravel 136.
OS Con III " 9	J. Rybke	"	Nov. 15, 1954	2				"	D	Grey clay 75; sand 95; gravel 100.
Markham Village of Markham	International Water Supply Ltd.	F. Hollingshead	Nov. 30, 1954	5 1/2			Flows	"	T	Black muck 2; hard blue clay boulders 7; sand gravel 10; hard blue clay gravel 98; gravel 99; clay gravel 160; hardpan 202; hard blue clay 225; shale 328.
Markham " "	"	"	Jul. 7, 1954	5 1/2			Flows	"	T	Clay gravel 13; clay streaks gravel 15; clay 36; streaks of gravel clay 45; clay 50; clay streaks gravel 58; clay 67; streaks of gravel clay silt 70; soft silt sandy clay 117; silt gravel 129.
Markham " "	"	"	Jul. 12, 1954	1 1/4	55	34 1/2	Flows	"	T	Dirty gravel 12; soft clay 15; clay gravel 24; soft clay 35; clay silt sand streaks 47; clay gravel 59; silt soft clay 124; fine gravel light sand 140; clay gravel 148.
Markham " "	"	"	Jul. 17, 1954	4	140		Flows	"	T	Clay 17; clay little gravel 20; clay gravel 44; hard clay gravel 58; hardpan 62; hard clay gravel 67; hardpan 68; clay gravel 72; silt sand clay 135; coarse gravel 139 1/2.
Markham Twp. Con I lot 27	G. E. Hears	B. H. Findlay	Jun. 22, 1953	2	4		33	Fresh	D	Brown sandy clay 22; blue clay 51; quicksand 60; coarse sand gravel 67.
Con I " 27	T. Page	"	Sep. 22, 1953	2	4		52	"	D	Brown clay 16; blue clay 41; sand 48; blue clay 104; coarse gravel 108.

Con I	lot 27	H. Wilkinson	International Water Supply Ltd.	Feb. 3, 1954	4	51	43	Fresh	D
Con I	"	27	C. Morrison	Mar. 22, 1954	2	3	61	"	D
Con I	"	27	F. Iselin	Jul. 15, 1954	2	4	33	"	D
Con I	"	28	C. Clifford	Jun. 16, 1953	2	6	45	"	D
Con I	"	28	C. R. Jones	Oct. 30, 1953	2	2	76	"	D
Con I	"	28	A. Mowatt	Nov. 18, 1953	2	4	28	"	D
Con I	"	28	P. Liffier	Nov. 30, 1953	2	5	27	"	D
Con I	"	28	G. Adams	Apr. 1, 1954	2	3	27	"	D
Con I	"	28	R. Waterson	Apr. 2, 1954	2	5	30	"	D
Con I	"	28	N. Thompson	Apr. 19, 1954	2	7	50	"	D
Con I	"	28	J. Heston	Apr. 20, 1954	2	3	34	"	D
Con I	"	28	E. R. Smith	Jun. 2, 1954	2	3	12	"	D
Con I	"	28	E. Loughhead	Jun. 15, 1954	2	4	32	"	D
Con I	"	28	W. J. Garrett	Jul. 20, 1954	2	7	8	"	D
Con I	"	29	E. Fring	Dec. 18, 1954	2	3	174	"	C
Con I	"	29	W. Stanway	Jul. 15, 1953	2	6	43	"	D
Con I	"	29	York Marketing	Jul. 21, 1953	2	6	43	"	D
Con I	"	29	D. Aziz	Nov. 28, 1953	2	6	43	"	D
Con I	"	29	J. D. Honsberger	Jul. 24, 1954	2	9	40	"	D
Con I	"	30	R. P. Challoner	May 15, 1953	2	7	50	"	D
Con I	"	30	H. P. Heidman	May 15, 1953	2	5	100	"	D
Con I	"	30	R. Fitzgerald	May 29, 1953	2	4	45	"	D
Con I	"	30	A. Ucci	Sep. 10, 1953	2	7	12	Flows	P
Con I	"	30	E. Shouldice	Nov. 2, 1953	2	4	25	"	D
Con I	"	30	F. Heidman	Dec. 7, 1953	2	2 1/2	42	"	D
Con I	"	30	F. Fields	May 29, 1954	2	6	50	"	D
Con I	"	30	L. Valliere	Oct. 19, 1954	2	3	57	"	D
Con I	"	31	D. S. Perkins	Nov. 3, 1954	2	6	100	"	D
Con I	"	31	W. Watts	Dec. 16, 1954	4	5	125	"	P
Con I	"	33	Langstaff Development	Jun. 30, 1954	2	1 1/2	88	"	D
Con I	"	34	Milani & Stocco Const.	Aug. 17, 1953	2	2 1/2	60	"	D
Con I	"	34	"	Aug. 21, 1953	2	1	50	"	D
Con I	"	34	"	Sep. 1, 1953	2	4	70	"	D
Con I	"	34	Swankman Bros.	Sep. 2, 1953	4	1	122	"	D
Con I	"	34	"	Sep. 25, 1953	4	2	111	"	D
Con I	"	34	"	Oct. 11, 1953	4	2	150	"	D
Con I	"	34	"	Oct. 21, 1953	4	2	150	"	D

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APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont. Markham Twp. cont. Con I lot 34	R. Marks	R.W. Renwick	Nov. 18, 1953	4	6	132	38	Fresh	D	Brown sand soil 15; blue clay coarse pebbles 38; blue clay 89; blue clay fine gray sand 97; blue clay 106; fine black sand 116; blue clay 120; fine black sand 126; blue clay 132; blue shale 160. Brown sandy soil. Stones 14; blue clay some gravel 102; fine grey sand 120; gravel fine sand 137; blue shale 150.
Con I " 34	Swakman Bros.	"	Dec. 3, 1953	4	5	120	35	"	D	Top soil 2; yellow clay 26; blue clay 44; blue clay boulders 47; blue clay gravel 146; fine sand clay 147; sand fine gravel clay 136; hard grey clay shale 160; blue shale 184.
Con I " 34	Can. Oil Co.	R.B. Renwick	Jan. 14, 1954	4	12	60	60	"	C	Sand clay gravel 55; blue clay 87; fine black sand 95; sand gravel 102; shale rock 150.
Con I " 34	Kanar/Grusla	R.W. Renwick	Jan. 27, 1954	4	4	130	40	"	D	Clay sand 53; blue clay 85; fine black sand 95.
Con I " 34	"	"	Feb. 20, 1954	4	1	90	35	"	D	Clay sand boulders 45; sand clay 60; blue clay 79; fine sand 97; coarse sand gravel 106; shale rock 129.
Con I " 34	Milani/Stocco	"	Mar. 20, 1954	4	6	110	45	"	D	Clay sand boulders 20; sand some clay 32; blue clay pebbles 87; fine sand 106; some very coarse sand 108; shale rock 140.
Con I " 34	R.C. Miller	"	May 12, 1954	4	4	125	50	"	D	Top soil 2; sand brown clay boulders 18; sand gravel 25; blue clay few pebbles 90; fine sand 110; blue clay 113; fine sand some gravel 135; shale rock 157.
Con I " 34	D. Jackson	"	Sep. 2, 1954	4	6	140	30	"	D	Brown clay 9; hard stone blue clay 25; coarse sand 29.
Con I " 35	P. McKinnon	B.H. Findlay	Aug. 27, 1954	2	3		13	"	D	Till 3; top soil 5; yellow clay 25; yellow clay sand 38; blue clay 80; blue sand 91.
Con I " 37	F. Millard	F. Constable	Sep. 30, 1954	4	10	70	35	"	D	Blue clay 150; sand 165; hard blue clay 167; sand.
Con I " 41	Carter Const.	Keswick Well Drl.	Jan. 14, 1953	4	3	167	0	"	C	Brown clay boulders 35; sand gravel 40; blue clay 57; sand gravel 65; blue clay 70; sand gravel 78; blue clay 140; fine sand 141; blue clay 160.
Con I " 42	N. Moon	R.W. Renwick	Jun. 29, 1954	2		Flows	Flows	"	C	Yellow clay gravel 12; sand 16; clay gravel 36.
Con I " 42	E. Fletcher	"	Jul. 2, 1954	7	1	0	0	"	D	Loam 2; clay 30; blue clay 96.
Con I " 43	G. Thompson	R.P. Challoner	Jun. 10, 1954	2	2	0	Flows	"	D-S	Top soil 2; hard clay gravel boulders 16; hard clay gravel 32;
Con I " 52	Heslop Homes Ltd.	International Water Supply Ltd.	Dec. 15, 1954	5 1/2				"	T	hard clay 45; hard clay gravel 177; hard packed gravel 180; clay gravel 192; gravel clay 226; hard clay gravel 229.
Con I " 60	I.J. Edwards	Jefferson Drill.	Jul. 6, 1954	2	5	141	130	Fresh	D	Sand 14.
Con II " 2	V. Demarco	C.H. Rutledge	Aug. 2, 1954	4	2 1/2	162	25	"	D	Blue clay 60; blue hard muddy sand clay streaks 135; blue shale 162.
Con II " 2	Y. Boem	Richmond Hill Well Drillers	Nov. 8, 1954	4	2	76	14	"	D	Fill 12; clay 92; sand 130; blue clay 180; shale 200.
Con II " 5	C.L. Burton	R.P. Challoner	Apr. 25, 1953	2	6	75	40	"	S	Loam 2; sand 42; cemented gravel 72; quicksand 80; gravel 90.
Con II " 5	J. Curtis	"	May 11, 1953	2	4	75	50	"	D	Loam 2; blue clay 30; cemented sand 55; blue clay 80; sand 85.
Con II " 5	N. Endicott	"	Jul. 2, 1953	2	6	100	58	"	D	Loam 2; blue clay 40; cemented gravel 80; blue clay 100; quicksand 108; sand gravel 113.
Con II " 5	R.L. Warren	T.H. Rutledge	Aug. 28, 1953	6	1	174	50	Salt	D	Brown clay 20; blue clay 110; blue sand 130; blue shale 174.
Con II " 5	W. Ramster	R.P. Challoner	Feb. 9, 1954	2	6	100	50	Fresh	D	Blue clay 40; cemented gravel 100; quicksand 110; gravel 116.
Con II " 5	Township of Markham	International Water Supply Ltd.	Aug. 3, 1954	5 1/2				"	T	Brown clay 4; grey clay 17; sand 18; blue clay 23; silty clay 33; blue clay boulders 60; soft blue clay silt 85; clay boulders 104; clay some sand 115; clay 127; hardpan 128; hardpan shale 131; shale 155.
Con II " 5	J. Kryzwicki	R.P. Challoner	Aug. 26, 1954	2	5	100	41	Fresh	D	Clay 10; cemented gravel 100; gravel 113.
Con II " 5	H. Lak	"	Sep. 16, 1954	4	6	100	31	"	D	Loam 1; brown clay 16; blue clay 106; fine sand 111.
Con II " 5	R.L. Warren	C.H. Rutledge	Dec. 10, 1954	2	10	85	50	"	D	Top soil 1; brown clay 15; blue clay 60; hardpan boulders 91; gravel sand 97; fine sand 98.
Con II " 6	Township of Markham	International Water Supply Ltd.	Sep. 28, 1954	5 1/2				"	T	Top soil 1; gravel 3; cemented gravel clay 43; sand clay 46; hard clay 65; soft clay silt sand 89; hard clay 103; shale 105.

Con II	lot 11	Leitchcroft Farms	B. Roffey	May 17, 1954	4	10	80	50	Fresh	D	
Con III	"	J. Schiemer	R.W. Renwick	Feb. 5, 1953	4	1	122	72	"	D	Brown clay 10; brown sand 20; brown sand stones 26; blue clay boulders 35; blue hardpan 90; marble clay 115; coarse grey sand 135; gravel 142; fine brown sand 172; blue hardpan 187; coarse gravel 209.
Con III	"	W.R. Wiggins	P. Constable	Oct. 3, 1954	4	5	65	60	"	D	Top soil 10; blue clay 40; grey sand 130; coarse sand gravel 132.
Con III	"	Township of Markham	International Water Supply Ltd.	Oct. 12, 1954	2	5			"	T	Clay 5; yellow sand clay stones 35; gravel 60; blue sand 80. Pit 5; yellow boulders 25; sandy clay gravel sand streaks 50; sand 66; gravel sand clay streaks 71; gravel 99; sandy clay little gravel 105; boulders 106; hardpan 122; shale 132. Clay 8; till 23; hard grey clay 121; fine sand 123; hard blue clay 125; coarse sand fine gravel 128.
Con III	"	B. Jacksie	R.B. Renwick	Jan. 22, 1953	4	2	90	70	"	D	Red clay 9; grey clay 39; sand 48.
Con III	"	A. Cox	G. Fockler	Mar. 12, 1953	2	4	39	39	"	D	Loam 1; sand 30; cemented gravel 55; gravel 60.
Con III	"	H. Kulik	R.F. Chalmers	Apr. 29, 1953	2	6	45	25	"	D	Red clay 9; blue clay 31; gravel 40.
Con III	"	J. Reeve	G. Fockler	Jul. 21, 1953	2	5	31	31	"	D	Red clay 18; blue clay stones 25; fine gravelly sand 38; coarse sand blue clay 43.
Con III	"	J. Rainbow	"	Aug. 20, 1953	2	3	25	25	"	D	Blue clay 47; fine grey quicksand 72; fine sand 112; coarse sand 117.
Con III	"	G. Greenside	"	Nov. 6, 1953	2	2½	72	70	"	D	Top soil 2; clay sand silt 14; dirty sand 18; sand clay 24; tight sand hard clay 36; hardpan 37; tight sand clay 41; clay 55; cemented gravel clay 79; silt clay 90; hard fine and coarse sand 96; clay boulders 51; clay coarse gravel 13; cemented sand clay 2; clay boulders 51; clay coarse gravel 13; cemented sand fine gravel clay 82; gravel 83; brown clay sand gravel 100; blue clay sand 106; soft clay broken gravel sand 134; hardpan 135; gravel 139; cemented gravel boulders 141; hard clay gravel 186; shale 191.
Con III	"	Township of Markham	International Water Supply Ltd.	Sep. 22, 1954	5½				"	T	Brown clay 8; blue clay gravel boulders 26; cemented sand gravel clay boulders 36; silty sand 41; sand gravel clay 115; fine sand clay 126; medium sand gravel little clay 134; cemented sand gravel clay boulders 151; clay 167; cemented gravel sand clay 190. Clay 4; hard packed clay sand gravel 40; clay sand gravel 44; sand clay 47; sand gravel clay 56; sand gravel very little clay 74; gravel tight sand clay 197.
Con III	"	P. Berkinshaw	B. Roffey	Apr. 20, 1954	4	8	125	9	"	D	hard packed gravel sand clay 197. sand small pebbles 100; coarse sand 115; rice gravel 125; coarse sand 135; marble blue clay 140; coarse sand 143; coarse gravel 146.
Con III	"	Romandale Farms Ltd.	Richmond Hill Well Drillers	May 7, 1954	4	5	40	Flows	"	D, S	Dark sandy top soil 5; brown clay pebbles 18; boulders 16; fine grey sand clay 17; clay pebbles 79; gravel coarse sand 63.
Con IV	"	Markham Sand & Gravel	F.R. Roadway	Oct. 29, 1953	5½	4	58	55	"	P	Blue clay 72; quicksand 100; blue clay 110; coarse sand gravel 124.
Con IV	"	"	"	Nov. 4, 1953	5½	4	58	55	"	P	Gravel clay 55; coarse sand gravel 75.
Con IV	"	"	"	Oct. 22, 1954	5½	4	65	60	"	D	Top soil 10; hardpan stones 60; silt clay 70; coarse sand gravel 80.
Con IV	"	F.C. McKay	P. Constable	Sep. 24, 1954	4	4	40	25	"	D	Pit 5; yellow sand 10; blue clay 120; gravel 126.
Con IV	"	A.L. Marshall	J. Sauder	Aug. 6, 1954	5	12			"	T	Top soil 2; yellow clay stones 18; yellow sand some clay 46; blue silt grey clay 330; blue-brown shale 400; black shale 460.
Con IV	"	"	"	Aug. 10, 1954	4	6		21	Fresh	C	Top soil 2; yellow clay stones 51; sand 51; blue clay sand 71; gravel sand 75; blue clay 102.
Con IV	"	Imperial Oil Ltd.	International Water Supply Ltd.	Sep. 9, 1954	4				"	C	Brown clay 8; sandy brown clay gravel 14; boulders sandy brown clay 16; sandy brown clay gravel odd boulder 28; coarse gravel boulders sand clay streaks 39; hard blue clay 46.
Con IV	"	Township of Markham	Pickering Drilling Contract	Oct. 17, 1953	6			13	"	T	Brown sandy soil 3; brown clay 1; brown sandy clay 20; grey clay 36.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
YORK COUNTY-cont. Markham Twp-cont.										
Con IV	10t 15	Markham								
Con IV	" 25	J.Cakebread	May 25, 1953	3 1/4	8	20	20	Fresh	P	Hardpan hard clay 195; black shale 242.
Con V	" 6	Richmond Hill Well Drillers	Jun. 18, 1954	4	8	200	60	"	D,S	Not indicated 149; fine grey sand 187; grey clay pebbles 230; fine grey clay sand 325; shale 327.
Con V	" 9	B.Roffey	Jul. 16, 1953	4	6	60	65	"	D	Brown clay 30; sand 35; blue clay 65; sand 72; blue clay 105; sand 120; blue sandy clay 132; coarse sand 160; sand gravel 166.
Con V	" 9	P.R.Roadway	Oct. 30, 1954	5 1/4	4	15	6	"	D,S	Clay 12; blue clay 40.
Con V	" 11	"	Oct. 30, 1954	5 1/4	4	15	6	"	D	Clay 12; blue clay 40.
Con V	" 11	J.Russell	Nov. 10, 1954	5 1/4	4	25	12	"	D	Dug well 10; hard sandy clay 40; hardpan 50.
Con V	" 11	"	Nov. 13, 1954	5 1/4	4	25	12	"	C	Dug well 27; hard clay stone 55; silt 59.
Con V	" 13	Unionville	Oct. 25, 1953	5 1/2	4		Flows	"	P	Gravel fill 1/2; clay 10; gravel silt 18; blue clay 26; sand gravel 32; blue clay 40; quicksand 54; blue clay 94; gravelly clay 99; rock soil 5; hardpan 55; gravel 60; hardpan 95; hard white sand 210; shale 230.
Con V	" 14	F.H.Patterson	Jan. 30, 1953	5	6	90	60	"	D	Top soil 5; hardpan 55; gravel 60; hardpan 95; hard white sand 210; shale 230.
Con V	" 16	T.H.Rutledge	Jun. 2, 1953	4	10	Flows	Flows	"	D	Brown clay 20; hardpan clay stones 49; blue clay sand 65; fine sand 72; fine and coarse sand 75.
Con V	" 16	B.Roffey	Oct. 30, 1954	4			"	"	D	Brown clay 4; sand 14; blue clay 20; fine sand 37.
Con V	" 30	H.Snowball	Jun. 12, 1953	4	2 1/2	0	"	"	D	Brown clay 21; blue clay sand 45; fine sand 55; blue clay sand 68; fine and coarse sand 71.
Con V	" 34	A.L.Lowe	Dec. 14, 1953	2	4	16	16	"	D,S	Old well 22; blue clay 42; gravel 44.
Con VI	" 12	G.Pockler	Jun. 15, 1953	4	12	4	4	"	D	Clay 18; blue clay stone 40.
Con VI	" 12	R.Gadke	Nov. 3, 1954	5 1/2	1 1/2	33	33	"	D	Clay 38; sand 43.
Con VI	" 15	P.R.Roadway	Feb. 18, 1953	2	3	33	33	"	D	Clay 40; fine sand 44; clay hardpan stone 150; fine sand 160; very hard clay stones 239; coarse sand gravel 241.
Con VI	" 27	D.Graham	Feb. 5, 1953	4	7	60	30	"	D,S	Brown clay 15; fine yellow sand 62; hardpan boulders 95; blue sand boulders 107.
Con VII	" 11	B.Roffey	Jun. 30, 1953	4	8	34	32	"	D	Brown clay gravel stones 10; blue clay 30; blue soggy clay 75; coarse quicksand 85; gravel 92; hardpan.
Con VIII	" 7	R.Gadke	May 20, 1953	6	15	63	7	"	P	Fill 5; yellow sand stones 20; blue clay stones 50; yellow sand stones 57.
Con VIII	" 35	F.Constable	Oct. 18, 1954	4	10	20	5	"	D	Clay 45; sand 55.
Con VIII	" 35	D.Graham	Dec. 6, 1954	2	3	Flows	Flows	"	D	Hardpan 50; gravel 65.
Con IX	" 11	E.W.Ludwig	Feb. 22, 1953	4	7	20	20	"	D	Brown clay 10; blue clay 22; hardpan very stony 80; fine sand 110; blue clay sand 140; coarse and fine sand 144; coarse sand fine gravel 147.
Con X	" 15	B.Roffey	Nov. 18, 1953	4	6	Flows	Flows	"	D	Previously drilled 70; coarse sand 80; blue clay 140; coarse sand 143; gravel 145.
Con X	" 19	"	Sep. 21, 1954	4	18		"	"	D,S	Top soil 1; brown and blue clay 4; soft brown clay 17; blue clay 26; blue clay small gravel streaks 60; soft blue clay 32; blue clay gravel 93; blue clay 97; sandy blue clay gravel 103; sandy blue clay gravel hard packed and streaked 109; cemented sand gravel 112; hard blue clay 126; hard blue clay small gravel streaks 177; sandy blue clay gravel 194; boulders blue clay 195; sandy blue clay hard gravel streaks 202; cemented sand gravel boulders 203; soft blue clay 219; sandy blue clay sand and gravel streaks 230; cemented sand gravel boulders 232; fine gravel boulders dirty clay 236; blue clay gravel odd boulder streaked 304; sandy blue clay 343; hard packed sandy blue clay gravel 345; sandy blue clay 346; cemented sand gravel 353; hard packed sandy grey clay gravel 357; cemented sand gravel 359;
Con X	" 19	D.Wagg	Oct. 6, 1954	7 1/2				"	T	(continued)
Newmarket		International Water Supply Ltd.								

1.2. Footnotes giving the meanings of localities:
89; gravel 92.
blue clay (?); gravel 95; gravel streaks of blue clay

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION :	OWNER	DRILLER	COMPLETION DATE	CASING DIA. - METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont. North Gwiltimbury Twp-cont.										
Con III	lot 10 H.Smith	Reliance Well Drl	Oct. 2, 1953	2	7	Flows	Flows	Fresh	D	Soft grey clay 62; gravel 65.
Con III	" 10 A.Hubley	"	May 22, 1954	2	15	"	"	"	D	Top soil 4; soft clay 60; hard packed sand 67; coarse sand 68.
Con III	" 10 C.Goodyear	Keswick Well Drl.	Jun. 17, 1954	4 1/2	52	"	"	"	C	Gravel fill 3; blue clay 55; gravel 63; sand 65; hardpan 94.
Con III	" 11 G.Holir	Reliance Well Drl	Jun. 24, 1954	2	20	"	"	"	D	Top soil 3; soft grey clay 60; hard packed sand 78; sand 79.
Con III	" 11 W.Miller	"	Sep. 6, 1954	2	12	"	"	"	D	Top soil 3; soft grey clay 46; hard packed sand 52.
Con III	" 11 W.Burnett	"	Oct. 8, 1954	2	10	8	4	"	D	Top soil 3; clay 21; coarse sand 63; fine gravel 57.
Con III	" 12 E.Dixon	Keswick Well Drl.	Nov. 1, 1953	4	17	Flows	Flows	"	D	Yellow sand 6; blue clay 43; gravel 45; blue clay 55; blue clay pebbles 56; gravel 65; gravel streaks of blue clay 70; blue clay 77; gravel 82; hard grey sand 85; boulders 87; hard grey sand 94.
Con III	" 12 F.Powers	Reliance Well Drl	Jun. 7, 1954	2						Top soil 3; soft clay 70; hard packed gravel 74; hard clay 100; quicksand 130. Dry hole.
Con III	" 12 S.Moss	Keswick Well Drl.	Jul. 2, 1954	4 1/2	1/2	Flows	Flows	Fresh	D	Yellow sand 3; blue clay 20; blue clay gravel 65; gravel 70; gravel blue clay 80; gravel 89.
Con III	" 12 A.Holland	Reliance Well Drl	Jul. 26, 1954	2	14	"	"	"	D	Top soil 3; soft clay 69; hard packed sand gravel 78; loose sand 79.
Con III	" 14 Keswick	P.R.Roadway	Aug. 20, 1954	5 1/2	48	38		"	P	Dug well 30; hardpan stones 70; hard blue clay 130; fine sand 138.
Con III	" 14 Memorial Arena.	"								
Con III	" 15 F.Millar	Keswick Well Drl.	Aug. 14, 1953	4	2 1/2	88	30	"	D	Old well 190; gravel 193.
Con V	" 10 R.Pollock	Reliance Well Drl	Jun. 11, 1954	2	5	Flows	Flows	"	S	Hard clay 3; soft clay 112; sand fine gravel 113.
Con VII	" 18 A.Selby	P.R.Roadway	Sep. 26, 1953	5 1/2		12		"	D, S	Dug well 22; hardpan stones 42.
Con VIII	" 1 School	"	Mar. 16, 1953	4 1/2		0		"	P	Dark sandy soil 4; quicksand 25; blue clay 60; fine sand 70; hardpan stones 78; rock.
Con IX	" 5 School S.#3	"	Sep. 14, 1954	5 1/2	4	10	8	"	P	Clay 15; blue clay boulders 40; coarse sand 43.
Con IX	" 12 J.Wilson	"	May 17, 1953	4 1/2	3	15	10	"	D	Clay 18; blue clay 75; quicksand 78.
Con IX	" 15 D.Litner	Keswick Well Drl	Jul. 10, 1954	4 1/2	3	20	6	"	D	Yellow clay 6; gravel 12; boulders 21; gravel.
Con IX	" 17 W.Szollosy	Reliance Well Drl	Jun. 1, 1953	2	5	14	11	"	D	Hard clay 12; clay small stones 20; gravel 22.
North York Twp.										
YSE Con I	lot 15 W.C.Rean	R.W.Renwick	Sep. 15, 1954	5	8	50	20	Fresh	D	clay gravel boulders 10; brown clay sand 25; blue clay 60; gravel coarse sand 65; medium sand 70.
YSE Con III	" 13 G.Henry	B.Roffey	May 10, 1953	4	10	40	40	Slight Sulphur	D	Sand 30; soft blue clay 110; hardpan 140; shale rock 168; shale gravel 170.
YSE Con III	" 13 D.Leonard	"	Jul. 6, 1953	4	7	50	50	"	D	Brown sand 30; grey clay 70; soft blue clay 110; hardpan 146; blue sand 150; shale rock 174; black shale gravel 178.
YSE Con III	" 13 B.A.Howard	Richmond Hill Well Drillers	Jul. 27, 1954	4	2	95	60	Fresh	D	Till top soil 14; sand 63; blue clay 92; sand clay 121; shale 125.
YSE Con III	" 19 O.Robinson	R.F.Challoner	Jun. 10, 1953	2	6	75	40	"	D, S	Brown clay 10; mushy blue clay 80; heavy gravel 85.
YSE Con IV	" 15 B-A Oil Co.	C.H.Rutledge	Oct. 15, 1954	8	68			"	C	Brown clay 18; blue clay 25; hardpan 50. Dry hole.
YSE Con IV	" 23 W.Cameron	"	Oct. 29, 1954	8	27	68	23	"	C	Brown clay 18; blue clay 44; hardpan 68; dirty sand gravel 72.
YSE Con II	" 23 J.Thiess	R.F.Challoner	Mar. 3, 1953	2	4	47	35	"	D	Loam 2; blue clay 44; cemented gravel 70; cemented gravel 87; sand 92.
YSE Con II	" 25 C.Rovntree	"	Oct. 30, 1953	2	6	70	35	"	D	Top soil 2; brown clay 15; blue clay 40; hardpan 110; blue clay 130; hard blue dead sand 175; blue shale 230.
YSE Con III	" 19 C.Rovntree	T.H.Rutledge	Dec. 1, 1953	4	5	130	80	"	P	Top soil 2; yellow clay 17; blue clay sand 29; coarse gravel 34; blue clay 128; shale 131; blue clay 139; shale 141; blue clay 146; blue sand 158.
YSW Con III	" 21 School	R.B.Renwick	Nov. 23, 1954	2	2 1/2	65	65	"	P	Top soil 2; fine sand 125. Dry hole.
YSW Con III	" 25 Imperial Oil	"								
YSW Con III	" 25 "	J.O'Connor International Water Supply Ltd.	May 1, 1954	5 1/2	1	55	55	Fresh	C	Brown clay gravel 6; brown clay gravel boulders 9; brown clay gravel 21; fine sand 28; blue clay 99; hard packed fine sand silt 136; fine sand fine gravel clay 155; gravel fine sand clay 16; sandy blue clay 165.
YSW Con IV	" 18 R.Snider	P.Constable	Aug. 16, 1953	2	2	120	118	"	D	Dug well 68; yellow sand 58; blue clay 70; white sand 119; blue clay 133; sand 146.

YORK COUNTRY-cont.
North York Tw.-cont.

YSW Con IV lot 19	Sorhora & Snider Development	International Water Supply Ltd.	Dec. 18, 1953	2	10	19	6 1/2	Fresh	T	Top soil 1; brown sandy clay 4; blue clay 6; silty sand fine sand 71; boulders 72; blue clay streaks of gravel sand shale 79; soft shale 87 1/2.
YSW Con IV " 20	"	"	Dec. 30, 1953	2	16	12 1/2	8 1/2	"	T	Top soil 1; blue clay gravel boulders 4; blue clay 6; silty sand 71; boulders 72; blue clay streaks of gravel sand shale 79; soft shale 87 1/2.
YSW Con V " 18	Fisher & Porter	S. McCauley	Jul. 3, 1953	4	5	68	65	"	In	Yellow clay 11; blue clay 52; fine sand 136; coarse sand 137.
YSW Con V " 22	Winston Park Development	International Water Supply Ltd.	Dec. 10, 1953	4	32	64	31 1/2	"	T	Top soil 1; brown clay 2; clay gravel boulders 3; silty sand some gravel 61; hard sandy blue clay and gravel 33; silty sand some gravel 61; blue clay 67; blue clay boulders 68; silty sand some clay 87; blue clay silt 119; gravel sand boulders shale blue clay red clay 125; shale or cemented gravel 134 1/2.
YSW Con V " 25	G. Hoover	J. N. Snider	Sep. 1954	5 1/2	8	75	69	Fresh	D, S	Top soil yellow clay 9; dirty coarse sand 13; blue clay 14; boulders clay 30; dirty sand gravel 32; boulders clay 60; sand silt 100; blue clay 101; silt 103; blue clay 125; dark fine sand becoming coarser 132.
YSW Con VI " 22	Winston Park Development	International Water Supply Ltd.	Dec. 1, 1953	4	150	31	4	"	P	Top soil 1; brown sandy clay gravel 3; blue clay gravel 13; blue clay boulders 14; silty clay fine sand 26; blue clay 32; blue clay boulders 33; blue clay some sand gravel 39; blue clay boulders gravel sand 45; hard blue clay sand gravel 51; cemented sand gravel with soft streaks 63; blue clay sand gravel boulders 68; gravel sand boulders streaks of clay 85; gravel sand boulders streaks of clay 97; sand gravel 100; gravel sand boulders streaks of clay 106; sandy clay gravel 109; cemented sand gravel red clay 113; red and blue sandy clay streaks of gravel 124; blue clay sand gravel 144; cemented sand and gravel 146; blue clay sand gravel 161; sandy clay gravel 304; cemented sand and gravel boulders streaks of shale 330; shale 332.
YSW Con VII " 24	W. Briggs	P. Constable	Oct. 5, 1954	4	10	80	65	Fresh	D	Top soil 1; sandy loam 7; blue clay 75; hard gravel 105.
YSW Con VII " 24	School	R. W. Renwick	Oct. 28, 1954	6	7	120	70	"	P	Previously drilled 119; pea gravel 131.
YSW Con VII " 24	School	R. B. Renwick	Nov. 9, 1954	2						Dug well 15; brown sand 18; blue clay 157; blue sand 160. Dry hole.
Richmond Hill	Village of Richmond Hill	International Water Supply Ltd.	Aug. 6, 1954	2	25	18	9 1/2	Fresh	T	Sand clay gravel 20; clay 24; gravel 26; silty clay 82; gravel sand 86; blue clay 97; silty dirty clay 105; clay streaks of silt and sand 112; gravel 128; sand 150; clay 153; boulders clay 134; sandy clay 138.
Richmond Hill	"	"	Aug. 18, 1954	1 1/2	25	8	5 1/2	"	T	Clay boulders gravel 22; silty sand 36; sandy clay 55; hard clay 57; gravel 88; clay 69; tight sand 73; tight gravel sand 86; clay sand 94; sand clay 105; clay 110; silty sand clay 142; boulders gravel 146; hardpan 153.
Richmond Hill	"	"	Aug. 24, 1954						T	Clay boulders 12; streaks of clay and sand 21; silt sand 40; silt sand clay 67; fine sand soft clay 83; clay 90.
Scarborough Twp. lot 15	School	T. H. Rutledge	Jul. 18, 1953	5	150		16	Fresh	P	Brown clay 15; hard brown hardpan 30; softer blue hardpan 70; gravel 81; hardpan.
Con V " 23	P. Shippleman	G. Fockler	May 20, 1954	2	3	80	75	"	D, S	Soft clay 70; clay stones 85; fine sand 91; coarse sand 95.
Sutton	Ont. Hydro-Elec	F. R. Roadway	Feb. 20, 1953	4 1/2	6	20	18	Fresh	C	Clay 15; blue clay stone 38.
Sutton	V. Davies	"	Feb. 24, 1953	4 1/2			24	"	D	Dug well 27; hardpan 47.
Sutton	R. Saulman	"	Feb. 28, 1953	4 1/2	6	22	20	"	C	Clay 18; sand gravel 36.
Sutton	X. Murdoch	"	Apr. 10, 1953	4 1/2	4	22	18	"	D	Clay 1; blue clay 40; coarse sand gravel 60.
Sutton	B. A. Oil Co.	"	May 23, 1953	4 1/2	3	40	24	"	D	Dug well 34; gravel sand 45.
Sutton	B. Katz	Keswick Well Drl.	Aug. 1, 1953	4 1/2	3	28	6	"	C	Previously drilled 61; sand 88; gravel.
Sutton	W. Holstock	"	Sep. 8, 1953	4 1/2	3	25	20	"	D	Dug well 10; hardpan 28; gravelly clay sand 34.
Sutton	M. Davies	"	Apr. 17, 1954	5 1/2	3	30	20	"	P	Clay 10; hardpan stones 35; fine sand 45; coarse sand gravel 53.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont.										
Sutton	H. Kotyer	F. R. Bowdoy	Apr. 24, 1954	5½	2	35	15	Fresh	D	Dug well 15'; red clay sand 25'; clay sand gravel 39.
Sutton	H. Sanders	"	Apr. 29, 1954	5½	4	20	8	"	"	Red clay sand 12'; blue clay 25'; hard clay stones 43'; coarse sand 45
Sutton	Church	"	May 4, 1954	5½	2	27	17	"	P	Red sandy clay 10'; hard blue clay stones 30'; gravel clay 32.
Sutton	C. McAlpine	"	Jul. 14, 1954	5½	4	26	22	"	D	Red sand 60'; hard clay stones 74.
Sutton	J. Johnston	"	Aug. 12, 1954	5½	4	30	22	"	D	Dug well 20'; hardpan 60'; sand gravel 80.
Sutton	S. Katz	"	Sep. 28, 1954	5½	4	20	14	"	D	Sandy soil 6'; red clay boulders 25'; clay sand 35'; coarse sand 43.
Sutton	M. Wertsman	"	Oct. 4, 1954	5½	4	20	15	"	D	Dug well 15'; hard clay stones 30'; coarse sand 37.
Sutton	S. Katz	"	Oct. 6, 1954	5½	3	20	18	"	D	Sandy top soil 4'; hardpan boulders 30'; sandy clay 38'; coarse sand gravel 43.
Sutton	B-A Oil Co. Ltd.	"	Nov. 18, 1954	4½	3	30	20	"	C	Old well 46'; coarse sand gravel 68.
Sutton	Avenue Cleaners	"	Dec. 10, 1954	5½	4	15	8	"	C	Clay 10'; hard blue clay 20'; coarse sand 22.
Vaughan Twp.										
Con I	R. Cochran	R. F. Challoner	Feb. 13, 1953	2	4	110	67	Fresh	D	Brown clay 4'; brown hardpan sand 100'; sand 117.
Con I	G. Roach	C. H. Rutledge	Apr. 2, 1954	4	7	80	78	"	D	Top soil 3'; brown clay 20'; brown sand 60'; hard white sand 100;
Con I	J. Wilson	R. B. Renwick	Apr. 2, 1954	2	2½		30	"	D	Fine gravel 105.
Con I	A. E. Higgs	R. P. Challoner	May 4, 1954	2	4½	130	67	"	D	Top soil 2'; blue clay 43'; till 57'; blue clay sand 66'; gravel 69;
Con I	F. Ostroski	C. H. Rutledge	Jun. 2, 1954	3	15	100	65	"	D	Sand 77'; sand gravel 88.
Con I	G. A. Baker	R. V. Renwick	Jun. 10, 1954	2	4		40	"	D	Loam 1'; cemented sand gravel 137'; gravel 141.
Con I	M. Jarvi	Richmond Hill Well Drillers	Jul. 2, 1954	4	2	90	40	"	D	Top soil 2'; brown clay 29'; blue clay 40'; brown sand clay 75'; muddy
Con I	J. Cole	C. H. Rutledge	Jul. 15, 1954	4	15	110	90	"	D	fine blue sand 120'; gravel clay 126'; blue clay 160'; muddy sand
Con I	J. Gibbons	P. Harrison	Jul. 30, 1954	2	2½	67	67	"	D	clay 175'; clear fine and coarse sand 200.
Con I	S. Flear	C. H. Rutledge	Dec. 28, 1954	4½	10	85	78	"	D	Gravel and clay mixed boulders 45'; blue clay 75'; fine sand 98.
Con I	E. H. Ross	B. H. Findlay	Jan. 12, 1953	2	2		66	"	D	Dark sandy soil 15'; brown clay pebbles 50'; boulders 60'; gravel
Con I	K. Cain	R. F. Challoner	Jan. 14, 1953	2	4	120	50	"	D	clay 90'; sand 95.
Con I	A. J. Spall	"	Mar. 17, 1953	2	7	40	0	"	D	Top soil 1'; brown clay 22'; brown sand clay gravel 40'; brown sand
Con I	D. Sheldrake	B. H. Findlay	Apr. 10, 1953	2	3		44	"	D	90'; very fine sand 129'; medium sand 134'. Clay.
Con I	C. Smith	"	Apr. 22, 1953	2	3		61	"	D	Clay 26'; gravel hardpan 32'; blue clay 66'; sand 84'; blue clay 97;
Con I	D. Sheldrake	"	May 29, 1953	2				"	D	quicksand 105'; sand 109.
Con I	"	"	Jul. 24, 1953	2	3		28	"	D	Top soil 2'; brown clay 20'; brown sand 60'; hard white sand 110;
Con I	E. Bowyer	B. H. Findlay	Aug. 12, 1953	2	5		16	"	D	gravel 115.
Con I	J. Antonio	R. W. Renwick	Aug. 16, 1953	2	5		26	"	D	Brown clay 17'; blue clay 68'; black silty sand 73'; blue clay 101;
Con I	E. Kingdon	R. F. Challoner	Oct. 15, 1953	2	3	135	45	"	D	sand 105.
Con I	W. E. Moore	B. H. Findlay	Nov. 6, 1953	2	3		10	"	D	Brown clay 5'; blue clay 125'; sand 130.
Con I	P. Jenkin	"	Jan. 30, 1954	2	2		82	"	D	Loam 2'; cemented gravel 32'; blue clay 55'; gravel 60.
Con I	G. Wright	"	Feb. 11, 1954	2	5		37	"	D	Loam 2'; cemented gravel 32'; blue clay 55'; gravel 60.
Con I	B. Ineichen	R. B. Renwick	Apr. 19, 1954	2	3½		50	"	D	Brown clay 14'; blue clay 19'; blue clay stones 100'; sand 104.
								"	D	Top soil 1'; yellow clay 15'; blue clay and gravel mixed 104'; fine
								"	D	sand 124.

Con I	lot	29	J. Antonacci	R. B. Renwick	May 12, 1954	2	3	45	30	Fresh	D	Top soil 4; till 15; blue clay 50; blue sand gravel 57.
Con I	"	30	C. Smith	B. H. Findlay	Jan. 14, 1953	2	4	13	13	"	D	Sandy brown clay 38; coarse gravel 42.
Con I	"	30	D. McGivern	"	Feb. 20, 1953	2				"	D	Brown clay 10; blue clay 39; hardpan gravel 47; blue clay 110; hardpan gravel 116; blue clay 143; shale 149; Dry hole.
Con I	"	30	D. Smiley	Ellacott Well Dril	Mar. 4, 1953	2	2 $\frac{1}{2}$	43	43	"	D	Sandy brown clay 18; blue clay 74; hardpan clay 88; sand 32.
Con I	"	30	C. Smith	B. H. Findlay	May 25, 1953	2	1 $\frac{1}{2}$	62	62	"	D	Hard clay very stony clay 90; hardpan 92; white sand 104.
Con I	"	30	C. Smith	"	Jun. 6, 1953	2	2	44	44	"	D	Brown clay 14; blue clay 48; hardpan gravel 52; hardpan gravel clay 72; sand 75.
Con I	"	30	N. Stirling	"	Jun. 12, 1953	2	3	72	72	"	D	Brown clay 11; blue clay 124; sand 128.
Con I	"	30	J. R. Hubbard	"	Jul. 7, 1953	2	3	33	33	"	D	Stony brown clay 12; stony blue clay 60; coarse gravel hardpan 61; blue clay 75; coarse gravel 79.
Con I	"	30	N. W. Bradley	"	Jul. 14, 1953	2	3	45	45	"	D	Brown clay 18; blue clay stone 64; gravel 71; blue clay 78; coarse gravel 82.
Con I	"	30	H. P. Stiles	"	Jul. 20, 1953	2	2	46	46	"	D	Brown clay 21; brown sand 48; blue clay 68; brown sand 72.
Con I	"	30	D. Simpson	"	Jul. 22, 1953	2	5	15	15	"	D	Brown clay 10; blue clay 40; gravel 44.
Con I	"	30	E. G. Gordon	R. Halford	Jul. 27, 1953	2	3	15	17	"	D	Blue clay 15; sand 40; gravel 43.
Con I	"	30	C. Smith	B. H. Findlay	Jul. 27, 1953	2	2 $\frac{1}{2}$	76	76	"	D	Brown clay 14; blue clay 108; sand 112.
Con I	"	30	C. Smith	"	Jul. 30, 1953	2	4	31	31	"	D	Brown clay 12; blue clay 40; hardpan gravel 42; blue clay 73; gravel 77.
Con I	"	30	P. B. Forster	"	Aug. 4, 1953	2	2 $\frac{1}{2}$	66	66	"	D	Brown clay 16; blue clay stones 108; sand 112.
Con I	"	30	W. S. Miner	"	Aug. 7, 1953	2	3	47	47	"	D	Brown clay 16; hard brown clay stones 22; blue clay 33; hardpan gravel 34; blue clay 65; gravel 69.
Con I	"	30	D. H. Butt	"	Aug. 15, 1953	2	5	16	16	"	D	Brown clay 12; stony blue clay 42; coarse gravel 46.
Con I	"	30	L. Granger	"	Aug. 19, 1953	2	3 $\frac{1}{2}$	36	36	"	D	Brown clay 14; blue clay stones 63; coarse gravel 67.
Con I	"	30	J. T. Gibbins	"	Aug. 22, 1953	2	2	17	17	"	D	Brown clay 14; blue clay stones 42; coarse gravel 46.
Con I	"	30	H. F. Heidman	"	Aug. 30, 1953	2	5	34	34	"	D	Brown clay 13; stony blue clay 56; coarse sand 70.
Con I	"	30	"	"	Dec. 14, 1953	2	5	19	19	"	D	Brown clay 12; stony blue clay 56; coarse gravel 60.
Con I	"	30	H. Huckville	"	Dec. 23, 1953	2	3 $\frac{1}{2}$	49	49	"	D	Brown clay 12; stony blue clay 54; coarse gravel 58.
Con I	"	30	"	"	Jan. 7, 1954	2	3	50	50	"	D	Brown clay sand 18; stony blue clay 54; coarse gravel 58.
Con I	"	30	J. Gibbins	B. H. Findlay	Mar. 12, 1954	2	4	48	48	"	D	Sandy brown clay 17; stony blue clay 30; fine sand 100; coarse sand 104.
Con I	"	30	L. Grainger	"	May 12, 1954	2	4	24	24	"	D	Brown clay 18; stony blue clay 58; coarse sand 62.
Con I	"	30	H. F. Heidman	"	Jun. 25, 1954	2	4	59	59	"	D	Sandy brown clay 32; clay stones 92; coarse gravel 96.
Con I	"	30	W. E. Moore	"	Jul. 17, 1954	2	5	24	24	"	D	Brown clay 24; blue clay 58; coarse sand gravel 62.
Con I	"	30	L. Grainger	"	Aug. 3, 1954	2	3	18	18	"	D	Brown clay 16; blue clay 44; coarse sand gravel 48.
Con I	"	30	R. Stinson	"	Aug. 9, 1954	2	3	66	66	"	D	Brown clay 16; blue clay 60; fine sand 66; blue clay 101; sand 105.
Con I	"	30	K. Krutzalen	"	Aug. 12, 1954	2	3	51	51	"	D	Brown clay 22; blue clay 87; sand 91.
Con I	"	30	E. Dyer	"	Aug. 17, 1954	2	3	44	44	"	D	Brown clay 18; blue clay 88; coarse gravel 92.
Con I	"	30	J. Gibbins	"	Nov. 25, 1954	2	2	78	78	"	D	Brown clay 16; stony blue clay 82; hard clay gravel 103; blue clay 118; shale 136.
Con I	"	31	F. Quartermain	P. Harrison	Jan. 10, 1953	2	3	55	55	"	D	Brown clay 28; sand 42; white clay 70; hard gravel 74; blue clay 112; fine sand clay 136; soft shale 138; quicksand 146; sand 150.
Con I	"	31	J. M. Heron	"	Jan. 20, 1953	2	3	53	53	"	D	Brown clay 45; sand 162; quicksand 76; white clay 76; fine sand 108; coarse sand 112.
Con I	"	31	E. Windsor	T. H. Rutledge	Jun. 20, 1953	4	6	115	90	"	D	Light brown clay 20; hard brown muddy sand 45; blue clay 55; clay blue sand gravel 110; fine muddy sand 130; clear coarse sand 158.
Con I	"	31	D. E. Hodgins	B. H. Findlay	Jun. 26, 1953	2	2 $\frac{1}{2}$	50	50	"	D	Top soil brown clay 12; sandy blue clay 40; sand 52; blue clay 64; sand 66.
Con I	"	31	A. Kent	C. E. Snider	Jul. 3, 1953	4	10	81	73	"	D	Top soil 2; yellowish sand clay 80; cemented reddish gravel 82; yellowish sand 96; fine white sand 133; black sand fine gravel 138.
Con I	"	31	D. Sheldrake	R. B. Renwick	Jul. 16, 1953	2	5			"	D	Yellow clay 28; coarse gravel hard blue clay 37; blue gummy clay 92; hard grey clay gravel 110; fine sand 116; clay.
Con I	"	31	D. Riddell	F. Harrison	Jul. 21, 1953	2	5	40	40	"	D	Clay 30; sand 42; clay 57; sand 62.
Con I	"	31	E. C. Sparks	R. B. Renwick	Aug. 18, 1953	2	3	38	38	"	D	Yellow clay 16; grey clay sand 22; blue gummy clay 63; soft sand blue clay 69; grey sand 94.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet.)
YORK COUNTY-cont. Vaughan Twp.-cont.										
Con I lot 31	E. Jackson	R.B. Renwick	Aug. 28, 1953	2	2		40	Fresh	D	Yellow clay 12; grey clay sand 21; blue gummy clay 60; blue clay gravel 78; fine grey sand 88.
Con I "	J. Devlin	Ellacott Well Drl	Oct. 2, 1953	2	4		65	"	D	Clay 14; gravel 15; blue clay 74; quicksand 79; clay 98; coarse sand 100; clay 106.
Con I "	H.E. Howe	T.H. Rutledge	Nov. 1, 1953	4	6	90	74	"	D	Top soil 2; brown clay sand 22; brown clay gravel 30; blue clay 50; hard white sand some clay 130; sand 145; gravel 153.
Con I "	A. McKibbin	R.B. Renwick	Dec. 12, 1953	2	6		22	"	D	Yellow clay 36; blue clay gravel boulders 42; gummy blue clay 87; fine sand clay 94; grey sand 96.
Con I "	W.T. Heron	F. Harrison	Mar. 16, 1954	2	3½		91	"	D	Clay sand 26; fine sand blue clay 31; white clay 102; dry hole.
Con I "	C.H. Aho	B.H. Findlay	Apr. 15, 1954	2	2		12	"	D	Top soil 4; blue clay sand 36; blue sand 51.
Con I "	D. Sheldrake	R.B. Renwick	May 25, 1954	2	3	20	104	"	D	Top soil 14; sand 94; blue clay stones 148; sand 152.
Con I "	A.H. Newell	B.H. Findlay	May 28, 1954	2	3			"	D	Brown soil 3; blue clay 28; brown sand clay 86; brown sand 94; gravel 100; shale. Dry hole.
Con I "	D. Sheldrake	R.B. Renwick	Jun. 3, 1954	2				"	D	Top soil 3; blue clay 30; brown sand clay 63; brown sand clay boulders 81; brown sand 93; gravel 100; shale. Dry hole.
Con I "	"	"	Jun. 12, 1954	2				"	D	Pit 6; sand gravel 66; blue clay 106; quicksand 136; sand 145.
Con I "	D. McLean	R.P. Challoner	Jul. 22, 1954	2	3	133	30	"	D	Clay sand boulders 12; blue clay 20; brown sand 40.
Con I "	D. Sheldrake	R.W. Renwick	Aug. 18, 1954	6	7	32	12	"	D	Brown clay 17; blue clay 35; hardpan 85; gravel clay 92; gravel 98.
Con I "	S. Kaski	C.H. Rutledge	Sep. 15, 1954	4	9	60	40	"	D	Sand clay 20; fine brown sand 35; blue clay 38; brown sand 45; blue clay 47; sand gravel 84; blue clay 88; gravel 90; fine sand 105.
Con I "	C. Dalcin	R.W. Renwick	Nov. 22, 1954	4	3	85		"	D	Sand clay 37; sand 68; white clay 93; blue clay 126; quicksand 141; sand 146.
Con I "	R. Napier	P. Harrison	Dec. 10, 1954	2	4	70	70	"	D	Brown clay 15; brown sandy clay 60; soft blue clay 110; fine sand 125; coarse sand 129.
Con I "	P. Tobias	T.H. Rutledge	Aug. 15, 1953	4	3	100	55	"	D	Brown clay 4; sand 42; blue clay 58; fine white sand 87; sandy clay 90; white sand 97.
Con I "	G. Littooy	Ellacott Well Drl	Aug. 26, 1953	2	3		89	"	D	Brown clay 18; sand 43; sandy hardpan small streaks of slate 92; quicksand 101; sharp white sand 104; blue clay 105; white sand 108.
Con I "	I. Simpson	"	Feb. 18, 1954	2	3		66	"	D	Top soil 1; blue clay 22; fine sand 92; coarse sand 97.
Con I "	E. Brett	F. Constable	Jun. 21, 1954	4	16	86	83	"	D	Brown clay 23; sand 48; blue clay 86; quicksand 104.
Con I "	R. Corlett	F. Harrison	Feb. 18, 1953	2	3		53	"	D	Clay 28; sand 54; blue clay 90; sand 104.
Con I "	R. Brown	"	Apr. 29, 1953	2	3		59	"	D	Clay 35; sand 66; blue clay 92; quicksand 103; sand 106.
Con I "	P. Kerr	"	May 14, 1953	2	3		54	"	D	Clay 22; sand 66; blue clay 92; quicksand 103; sand 106.
Con I "	W. Thompson	"	Jun. 1, 1953	2	3		62	"	D	Brown and blue clay stones 96; fine quicksand 116; hardpan 117; coarse white sand 121.
Con I "	K. Benley	Ellacott Well Drl	Jun. 29, 1953	2	5		53	"	D	Clay 30; sandy clay 70; clay 100; sand 105. Dry hole.
Con I "	M. Roberts	F. Harrison	Jun. 29, 1953	2	2		57	"	D	Clay 22; sand 55; clay 80; sand 100.
Con I "	J. Gibbins	"	Jul. 14, 1953	2	3		28½	"	D	Brown clay some gravel 16; blue clay gravel some silt 34; fine sand silt 42; blue clay some gravel silty sand 62; fine silty sand soft clay 88; blue clay 111; gravel sand clay streaks 116; blue clay some gravel 122; fine silty sand 125; gravel sand clay 134; dirty blue clay gravel sand 137.
Con I "	J.B. Forbes	Water Supply Ltd.	Jul. 16, 1953	4	7½	80		"	D	Brown and blue clay 96; fine quicksand 103; hardpan 104; sharp white sand 118.
Con I "	C. Boyer	Ellacott Well Drl	Jul. 22, 1953	2	5		50	"	D	Clay 93; sand 95; white clay 109; sharp white sand 116.
Con I "	J.T. Small	"	Aug. 11, 1953	2	5		58	"	D	Clay 26; sand 66; blue clay 91; quicksand 101.
Con I "	D. Brown	F. Harrison	Aug. 13, 1953	2	3	38	38	"	D	Yellow clay 15; brown sandy clay 88; hard blue sand 126; sand 131.
Con I "	T. Humphrey	"	Aug. 20, 1953	2	3	22	62	"	D	Brown clay sand 128.
Con I "	M.E. Roberts	T.H. Rutledge	Sep. 2, 1953	4	3		80	"	D	Brown clay sand 128.
Con I "	R. McNickel	B.H. Findlay	Sep. 4, 1953	2	1½			"	D	Clay 86; fine white quicksand 110.
Con I "	T. Denison	Ellacott Well Drl	Sep. 7, 1953	2	2		55	"	D	

H. Kerny	B.H. Findlay	Sep. 14, 1953	2	4	77	Fresh	D	
Con I " 33	F. Harrison	Sep. 14, 1953	2	3	48	"	D	Brown clay 20; blue clay 60; sand 68; blue clay 89; hardpan gravel 92; blue clay 109; sand clay 118; blue clay 123; coarse sand 127.
Con I " 33	G. Sayer	Sep. 15, 1953	2	3	48	"	D	Clay 26; sand 61; blue clay 90; quicksand 106; sand 111.
Con I " 33	W. Martin	Sep. 16, 1953	2	5	48	"	D	Clay 22; sand clay 44; blue clay 98; quicksand 110; sand 115.
Con I " 33	F. Harrison	Oct. 23, 1953	2	3	48	"	D	Brown and blue clay 94; fine quicksand 103; hardpan 104; sharp white sand 116.
Con I " 33	"	Nov. 2, 1953	2	3	48	"	D	Clay 20; sand 34; blue clay 93; quicksand 100; sand 105.
Con I " 33	R.B. Renwick	Nov. 8, 1953	2	3	55	"	D	Clay 20; sand clay 45; blue clay 94; quicksand 100.
Con I " 33	"	Nov. 23, 1953	2	4	55	"	D	Yellow clay 32; blue clay 90; fine sand clay 94; fine sand 100.
Con I " 33	F. Harrison	Nov. 24, 1953	2	3	48	"	D	Yellow clay 28; blue clay 102; fine sand clay 110; fine sand 116.
Con I " 33	R.B. Renwick	Dec. 4, 1953	2	2 1/2	60	"	D	Clay 20; sand clay 42; blue clay 98; quicksand 103.
Con I " 33	F. Harrison	Dec. 11, 1953	2	3	74	"	D	Hard yellow clay 44; yellow clay sand 49; till 83; sand 91; grey clay 108; grey clay sand 121; sand 129.
Con I " 33	R.B. Renwick	Jan. 22, 1954	2	2 1/2	60	"	D	Clay 20; sand clay 44; blue clay 96; sandy clay 100; quicksand 105; sand 110.
Con I " 33	F. Harrison	Feb. 9, 1954	2	2 1/2	70	"	D	Top soil 4; yellow clay 23; yellow clay sand 28; compact blue clay 91; yellow clay sand 109; sand 114.
Con I " 33	B.H. Findlay	Apr. 8, 1954	2	3	71	"	D	Yellow clay 22; clay sand 47; sand 66; blue clay 95; sand 110.
Con I " 33	R.P. Challoner	Apr. 17, 1954	2	3	90	"	D	Brown sand clay 43; stony blue clay 89; white sand 93.
Con I " 33	G. Embree	Apr. 19, 1954	2	3	84	"	D	Loam clay 10; blue clay 90; quicksand 95; sand 104.
Con I " 33	B.H. Findlay	May 4, 1954	2	2 1/2	88	"	D	Clay 17; clay sand 44; sand 61; blue clay 93; quicksand 98; sand 102.
Con I " 33	A. Kaufman	May 25, 1954	2	3	55	"	D	Stony brown clay sand 74; hard blue clay 111; white sand 115.
Con I " 33	"	Jun. 7, 1954	2	3	57	"	D	Clay 28; clay sand 47; white clay 66; blue clay 97; quicksand 99; sand 103.
Con I " 33	Ellacott Well Drl	Jun. 10, 1954	2	2 1/2	48	"	D	Clay 31; sand 39; white clay 72; blue clay 85; quicksand 92; sand 97.
Con I " 33	C.H. Rutledge	Jun. 14, 1954	4	12	60	"	D	Brown and blue clay 52; sandy clay 75; blue clay hard streaks 106; fine white sand 113.
Con I " 33	R.W. Renwick	Jul. 10, 1954	2	3	61	"	D	Brown clay 15; brown clay sand 70; hard fine white sand 95; gravel 100; blue clay 103; medium sand 113.
Con I " 33	F. Harrison	Jul. 15, 1954	2	3	61	"	D	Clay sand gravel 40; blue clay 90; fine black sand 102.
Con I " 33	R.W. Renwick	Jul. 15, 1954	2	2	50	"	D	Brown clay 18; white clay 42; sand 51; blue clay 70; sand 93; quicksand 104; sand 109.
Con I " 33	C. Boyer	Aug. 10, 1954	2	3	145	"	D	Clay gravel boulders 35; blue clay 85; sand 97; blue clay 98; fine sand 111.
Con I " 33	H.S. Rogers	Aug. 20, 1954	4	1 1/2	60	"	D	Clay 94; fine quicksand 103; sharp white sand 110.
Con I " 33	J. Mulholland	Aug. 23, 1954	2	3	61	"	D	Brown clay sand 40; hard fine white sand 80; blue clay 90; hard muddy sand 122; blue shale 145.
Con I " 33	H. Patterson	Aug. 23, 1954	2	4	100	"	D	Clay 55; sandy clay 72; blue clay 98; quicksand 109; sand 114.
Con I " 33	C. Boyer	Sep. 10, 1954	2	4	59	"	D	Brown clay sand 34; blue clay 118; sand 121; hard blue clay 135; coarse gravel 139.
Con I " 33	R. Blackburn	Sep. 21, 1954	2	2	88	"	D	Brown clay 3; blue clay 96; sandy hardpan 108; fine white sand 114.
Con I " 33	A. McMartin	Oct. 6, 1954	2	3	92	"	D	Brown clay 12; blue clay stones 104; white sand 108.
Con I " 33	F. Harrison	Oct. 9, 1954	2	3	51	"	D	Brown clay 13; blue clay stones 82; sandy blue clay 134; fine white sand 138.
Con I " 33	B.H. Findlay	Nov. 12, 1954	2	3 1/2	48	"	D	Clay 28; sand 66; white clay 87; quicksand 93; sand 98.
Con I " 33	C.H. Rutledge	Dec. 1, 1954	4 1/2	2	165	"	D	Brown clay 15; hard blue clay 82; sandy blue clay 104; sand 108.
Con I " 34	School	Sep. 28, 1953	2	3	60	"	P	Yellow clay 24; sand 42; blue clay 56; sand 78; white clay 83; quicksand 93; sand 98.
Con I " 34	Upland's Gardens Ltd.	Sep. 30, 1953	2	3	60	"	P	Dug well 6; brown clay sand 50; fine brown sand 65; dirty blue sand 110; clear sand 135; blue shale 165.
Con I " 34	Keswick Well Drl	Nov. 1, 1954	4 1/2	33	20	"	T	Clay 18; sand 45; blue clay 103; quicksand 111.
								Clay 18; sand 45; blue clay 103; quicksand 111.
								Black loam 5; gravel 10; blue clay 40; gravel 45; fine grey sand 58; fine brown sand 66; coarse brown sand 87; fine sand grey stones 103.

1, 2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C — RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- ING METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont. Vaughan Twp.cont. Con I lot 34	Upland's Gardens Ltd.	Keswick Well Drl	Dec. 2, 1954	6					T	Black loam 2; yellow clay 12; yellow clay small stones 19; blue clay 22; coarse gravel 23; dark-grey clay small stones 30; dark-grey clay 35; quicksand 56; hard blue clay 58; boulders. Black loam 2; yellow clay 12; yellow clay small stones 19; blue clay 22; coarse gravel 23; dark-grey clay small stones 30; dark-grey clay 35; quicksand 56; hard blue clay 58; fine brown sand 59; brown sand pebbles 61; fine blue clay 75; cemented gravel 77; hard blue clay 82; fine grey sand 104; fine gravel 114; fine brown sand 116; hard gravel 119; gravel 127.
Con I " 34	"	"	Dec. 18, 1954	6	5	75	72	Fresh	T	Yellow clay 8; sand clay 25; blue clay gravel 38; cemented gravel 104; grey hardpan gravel 158; fine gravel sand 161. Sandy brown clay 18; blue clay 39; hardpan gravel 48; quicksand 51; sand 55.
Con I " 37	D.W.Glassex	F.Constable	Jul. 18, 1954	4	4	106	63	"	D	Yellow clay 8; sand clay 25; blue clay gravel 38; cemented gravel 104; grey hardpan gravel 158; fine gravel sand 161.
Con I " 38	W.E.Hall	R.B.Renwick	Mar. 6, 1953	4	5	60	60	"	D	Sandy brown clay 18; blue clay 39; hardpan gravel 48; quicksand 51; sand 55.
Con I " 38	E.P.Riddell	B.H.Findlay	Jun. 18, 1953	2	2½		25	"	D	Yellow clay 8; sand clay 17; sand 31.
Con I " 38	D.Klassen	F.Harrison	Jul. 28, 1953	2	5	12	12	"	D	Blue clay 10.
Con I " 38	K.F.Cain	R.Halford	Sep. 4, 1953	2	2	50	50	"	D	Blue clay 10.
Con I " 38	"	"	Sep. 10, 1953	2	1½	55	55	"	D	Blue clay 55.
Con I " 38	"	"	Sep. 25, 1953	2	2	35	35	"	D	Blue clay 55.
Con I " 38	D.Reid	B.H.Findlay	Oct. 6, 1953	2	3	60	60	"	D	Brown clay 12; sandy brown clay 34; blue clay 103; fine sand 107; coarse sand 111.
Con I " 38	G.Hislop	"	Oct. 10, 1953	2	4	65	65	"	D	Brown clay 12; sandy brown clay 36; blue clay 103; coarse gravel 107.
Con I " 38	H.Bowyer	"	Oct. 16, 1953	2	2½	41	41	"	D	Brown clay 12; stony blue clay 74; coarse gravel 77.
Con I " 38	G.Gerstin	"	Oct. 22, 1953	2	4	55	55	"	D	Brown clay 13; blue clay sand 42; blue clay 94; coarse gravel 98.
Con I " 38	C.Fwaidate	C.E.Snider	Oct. 28, 1953	2	4	40	37	"	D	Top soil 2; reddish sand 15; blue clay 47; gravel 49; sand clay 54; fine white silt 95; fine white sand 101; coarse sand 104.
Con I " 38	V.MacDonald	B.H.Findlay	Nov. 2, 1953	2	2	100	100	"	D	Brown clay 14; sandy blue clay 43; blue clay 94; fine sand 99; blue clay 13; coarse sand 134.
Con I " 38	J.L.Mason	C.E.Snider	Dec. 12, 1953	4	4	65	60	"	D	Top soil 7; reddish sand clay 60; white sand 75; clay 80; black sand 88; sand fine gravel 92.
Con I " 38	E.Anstey	F.W.Giles	Jan. 22, 1954	2		4	4	"	D	Black top soil 1; grey and red clay 4; hard grey clay 6; blue clay 7; fine blue sand 78; brown sand 12; blue clay.
Con I " 38	E.Lavender	R.W.Renwick	Apr. 29, 1954	4	2	88	35	"	D	Sand brown clay boulders 50; blue clay 72; sand gravel 80; blue clay 87; medium sand 98.
Con I " 38	C.Donoral	Ellacott Well Drl	May 4, 1954	2	2½	34	34	"	D	Clay 51; coarse sand 59; blue clay 60.
Con I " 38	G.Gerstein	B.H.Findlay	May 7, 1954	2	3	36	36	"	D	Brown clay 19; blue clay 58; coarse sand 62.
Con I " 38	R.A.Woodio	"	Jun. 16, 1954	2	3	106	106	"	D	Brown clay 14; sand 32; blue clay 58; stones 142; coarse gravel 145.
Con I " 38	A.Baird	F.Constable	Jun. 26, 1954	4	7	60	52	"	D	Fill 3; blue clay 30; fine sand 67; coarse sand 72.
Con I " 38	E.W.Hills	"	Jun. 29, 1954	4	3	60	42	"	D	Top soil 1; yellow clay 6; sand 12; blue clay 20; clay sand 40; fine black sand 67; coarse sand 72.
Con I " 38	C.Donoral	Ellacott Well Drl	Jul. 5, 1954	2	5	43	43	"	D	fine black sand 67; coarse sand 72.
Con I " 38	M.Draper	C.E.Snider	Aug. 10, 1954	4	3	93	73	"	D	Brown clay 3; blue clay 42; coarse sand 45; blue clay 68; fine coarse sand 76.
Con I " 38	P.Sheridan	"	Sep. 2, 1954	4	5	53	47	"	D	Excavation 8; yellow clay stones 14; blue clay sand 95; blue clay 129; fine black sand 159; fine gravel sand 161.
Con I " 38	L.Grainger	B.H.Findlay	Sep. 7, 1954	2	3	78	78	"	D	Top soil 8; red clay sand 14; blue clay sand 18; silty sand 22; blue clay sand 80; silty sand 84; fine black sand 87; coarse black sand 94.
Con I " 38	G.Faterson	Ellacott Well Drl	Sep. 20, 1954	2	5	22	22	"	D	Brown clay 14; sandy brown clay 80; blue clay 118; sharp sand 122.
Con I " 38	R.F.Challoner	"	Sep. 25, 1954	2	7	30	30	"	D	Clay 5; fine white sand 63; blue clay 74; coarse white sand 80.
Con I " 38	S.Goddard	R.W.Renwick	Sep. 28, 1954	2	2	60	60	"	D	Brown clay 16; gravel sand 50; sand 62.
										Top soil clay fill 10; sand boulders 25; blue clay sand pebbles 40; fine sand 41; rummy blue clay 45; sand gravel 67; fine sand 70; coarse sand 80; gravel sand 93; blue clay pebbles 98; sand gravel 112; blue clay 160; grey medium sand 164.

YORK COUNTY-cont.

Con I	38	R.A. Marquis	B.H. Findlay	Oct. 22, 1954	2	4	120	51	Fresh	D	Brown clay 15; blue clay 22; sand 34; blue clay 94; sand 98.
Con I	38	F. Mobley	R.P. Challoner	Nov. 30, 1954	2	3		50	"	D	Pit 6; brown sand 66; blue clay 116; quicksand 125; fine sand 130.
Con I	38	W. Butters	R.B. Renwick	Apr. 16, 1953	2	3		42	"	D	Sandy clay 23; blue clay fine gravel 72; fine sand 77; clay.
Con I	39	G. Edwards	Ellacott Well Drl	May 10, 1953	2	3		41	"	D	Clay 18; quicksand 26; clay 47; red sand 68; sharp white sand 68.
Con I	39	K. Bentley	B.H. Findlay	Jun. 20, 1953	2	1½			"	D	Brown clay 12; blue clay 26; brown clay sand 42; blue clay 55; sand 59.
Con I	39	W. Barker	R.B. Renwick	Jun. 27, 1953	2	5			"	D	Sandy clay 18; clay sand boulders 22; blue clay gravel 47; hardpan gravel boulders 53; hard grey clay 67; blue clay fine gravel 82; fine sand 87; clay.
Con I	39	R. Mitchell	"	Sep. 5, 1953	2	3			"	D	Yellow clay 18; yellow clay sandy gravel 22; blue clay gravel 80; fine clay sand 87; fine grey sand 90.
Con I	39	H. Snow	"	Sep. 25, 1953	2	2			"	D	Yellow sand clay 33; till 51; silt 57; fine grey sand 73; gravel 82; yellow clay 95; sand 108.
Con I	39	D.P. Reed	"	Oct. 9, 1953	2	3½			"	D	Dark soil 4; grey clay 38; grey clay little sand 57; gravel 61; quicksand 70; gravel sand 86.
Con I	39	S. Sandbacka	Ellacott Well Drl	Oct. 10, 1953	2	3		32	"	D	Brown clay 7; sand 17; blue clay 43; sand clay 64; blue clay 73; fine white sand 84.
Con I	39	R. Swanson	R.B. Renwick	Oct. 13, 1953	2	3			"	D	Light sandy soil 5; hard blue clay 42; blue clay sand 49; gravel 57; quicksand 62; grey clay 71; gravel 76; sand 89.
Con I	39	M. Gall	"	Oct. 21, 1953	2	3			"	D	Silty moist clay 56; silt 59; coarse sand 64; grey clay 72; gravel 74; sand 88.
Con I	39	J. Dunn	"	Oct. 31, 1953	2	3			"	D	Hard packed grey clay 39; grey clay sand 48; gravel 50; till 68; grey clay sand 73; sand 82.
Con I	39	D. Owen	F. Harrison	Jun. 11, 1954	2	5	22	11	"	D	Clay 18; sand 28.
Con I	39	P. Beaudoin	"	Jun. 13, 1954	2	4	14	14	"	D	Clay 16; sand 26.
Con I	39	C. Kreutzer	R.P. Challoner	Jun. 16, 1954	2	4	75	45	"	D	Loam 1; blue clay 80; sand 85.
Con I	39	E. McDonald	B.H. Findlay	Jul. 2, 1954	2	5	50	25	"	D	Brown clay 21; blue clay 80; fine sand 85; coarse sand 89.
Con I	39	B. Ward	F. Harrison	Jul. 5, 1954	2	3	49	51	"	D	Clay 47; sand 80; quicksand 100; sand 104.
Con I	39	G. Gerstein	B.H. Findlay	Jul. 9, 1954	2	3		49	"	D	Brown clay 18; brown sand 32; blue clay stones 101; sand 105.
Con I	39	O. Reynolds	R.B. Renwick	Jul. 9, 1954	2	3		56	"	D	Top soil 4; yellow clay 42; blue clay sand 53; blue clay 70; blue sand 77.
Con I	39	G. Shaw	Ellacott Well Drl	Jul. 15, 1954	2	4		45	"	D	Brown and blue clay 51; white sand 66; clay sand 71; coarse white sand 76; blue clay 77.
Con I	39	J. Colangelo	"	Aug. 15, 1954	2	5		52	"	D	Clay 14; coarse sand 19; blue clay 53; fine white sand 70; white clay small sand layers 88; sandy hardpan 90; coarse white sand 97
Con I	39	D. Cruickshank	"	Oct. 10, 1954	2	4		40	"	D	Brown clay 17; coarse sand 21; blue clay with thin layers of hardpan 52; fine sand 68.
Con I	39	W. Robinson	"	Oct. 31, 1954	2	5		30	"	D	Brown and blue clay 47; fine quicksand 52; coarse sand soft blue clay 70; coarse sand 76.
Con I	39	R.H. Edwards	B.H. Findlay	Dec. 2, 1954	2	2		19	"	D	Brown clay 8; sandy blue clay 33; sand 37.
Con I	39	Snow Bros.	R.B. Renwick	Dec. 20, 1954	2	3		40	"	D	Top soil 6; yellow clay sand 22; blue clay 38; sand gravel 45; blue clay 72; blue sand 94; coarse blue sand 102.
Con I	40	G. Baker	Keswick Well Drl	Feb. 16, 1953	4	1½	86	33	"	D	Sand 15; blue clay 23; gravel 45; blue clay 55; sand 61; blue clay 90; gravel 110.
Con I	40	Township of Vaughan	International Water Supply Ltd.	Dec. 10, 1954	5½			45½	"	T	Top soil 2; red clay 10; soft sandy clay 25; fine sand silt clay 55; fine sand silt clay streaks 96; coarse sand silt 112; soft sandy clay 131; grey clay gravel 16; cemented gravel 169; clay coarse 18; broken gravel 175; grey clay 186; grey clay fine gravel sand 218; shale 213.
Con I	43	A. Frazer	F.W. Giles	Jan. 15, 1954	2			6	Fresh	D	Black top soil 1; clear clay 6; stony clay 15; blue clay 30; blue sand 32; red sand.
Con I	43	Fairway Gdns.	R.B. Renwick	Jun. 23, 1954	2	3		0	"	In	Top soil 4; yellow clay 14; blue clay 72; blue sand 88.
Con I	51	W.A. Black	F. Constable	Jun. 18, 1954	4	10	20	10	"	D	Yellow clay stones 12; fine yellow sand 24; fine blue sand 39; fine red sand 45; blue sand stones 55.
Con I	56	P. Zavoroka	Jefferson Drl.	May 8, 1953	2	4	75	60	"	P	Yellow clay 25; sandy clay 75; sand 90.

1, 2, Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont.										
Vaughan Twp. cont.										
Con I lot 43	Township of Vaughan	International Water Supply Ltd.	Dec. 1, 1954	5½					T	Top soil 2; grey clay 6; grey clay fine gravel 10; fine sand grey clay 28; grey clay fine gravel 31; fine sand silt 59; grey clay 66; cemented gravel 68; grey clay hard gravel 100; soft clay gravel 107; soft sandy clay thin gravel streaks 120; fine gravel silt clay 132; grey clay gravel 230; clay shale 234; rock.
Con I	R. Meikle	P. Constable	Aug. 21, 1954	4	5½	53	45	Fresh	D	Top soil 1; brown sand 78; coarse black sand 85. Clay 28; gravelly clay 38; fine sand 50; clay 62; quicksand 100; gravel 107. Abandoned.
Con I	P. Powell	Jefferson Drl.	Oct. 3, 1953	2				"	D	Clay 28; sand 91.
Con I	"	"	Oct. 17, 1953	2	5	91	80	"	D	Yellow clay 120; sand 175.
Con I	F. Day	"	Apr. 14, 1953	2	5	120	120	"	D	Top soil 1; yellow clay 30; yellow clay sand 110; fine sand 138; fine black sand 146.
Con I	D. Henderson	P. Constable	May 18, 1954	4	5	112	96	"	D	Sandy soil 2; yellow clay 40; yellow sand 100; fine yellow sand 152.
Con I	R. Dibb	"	Nov. 27, 1954	5	120	100	100	"	C	Clay gravel 12; bluish clay 40; fine gravel 45½.
Con II	Supertest Petroleum Corp	H. Blakely	Jan. 1, 1953	6	20	22	12	"	C	Top soil 1; yellow clay 20; blue clay 45; yellow clay 78; blue sand 85.
Con II	M. Midenoff	P. Constable	Aug. 27, 1954	4	12	75	55	"	D	Clay 1½; clay gravel 130; coarse gravel 135.
Con II	R. Hedges	Jefferson Drl.	Oct. 1, 1954	2	5	30	30	"	D	Brown sandy clay boulders 35; blue clay 75; sand gravel 88; brown sand 103.
Con II	Mayear/Fugler	R.W. Renwick	Aug. 5, 1954	4	2½	80	25	"	D	Brown clay 35; blue clay 90; silt 310. Dry hole.
Con II	Maple Downs Golf/Country Club	B. Huffman & Son	Nov. 17, 1954	6	5	75	45	"	P	Brown clay 18; brown sand 30; blue clay 89; fine gravel 99.
Con II	"	"	Dec. 18, 1954	6				"		
Con III	Robinson Clay Product Co.	T.H. Rutledge	Sep. 28, 1953	4	3	20	72	"	In	Brown clay 20; blue clay 30; hardpan 70; blue clay 118; hard blue sand little clay 180; blue shale 213.
Con III	J.A. McGinnis	H.C. Blakely	May 1, 1953	4	3	20	20	"	D	Old well 22; blue clay 45; grey sand 26; blue clay 42; silty grey sand 45; blue clay 100; grey shale 101; blue clay 110; silty grey sand 120.
Con III	School S.#7	C.E. Snider	Nov. 19, 1954	6½	5	80	65	"	P	Top soil 2; yellow clay sand 32; blue clay 127; silty sand 137; sandy hardpan 155; fine sand 158; coarse sand 163.
Con III	T.M. Baker	R.B. Renwick	Aug. 7, 1954	2	3	35	25	"	D	Top soil 2; yellow clay 15; large stones gravel 17; blue clay 39; stones gravel 41; blue sand 45.
Con III	H. Constable	F. Constable	Jul. 15, 1953	2	3	40	12	"	D	Top soil 2; yellow clay 14; coarse sand 48; blue clay 55; gravel 62.
Con III	F. Oliver	"	Oct. 25, 1953	3	3	35	8	"	D	Top soil 1; sandy loam 15; blue clay 37; fine sand 53; coarse sand 62.
Con III	Township of Vaughan	"	Aug. 19, 1954	4	1		0	"	P	Top soil 2; yellow clay stones 20; blue clay stones 46.
Con III	L. Laver	"	Nov. 18, 1954	4	3		Flows	"	D	Top soil 1; clay 32; fine sand 60.
Con III	Agincourt Const	"	Nov. 26, 1954	4	1		Flows	"	D	Top soil 1; clay 18; fine sand 35.
Con III	W. Joyce	"	Mar. 18, 1954	3	4		"	"	D	Top soil 1; sand 28; coarse sand 30.
Con III	Superior	"	Apr. 9, 1954	6			"	"	T	Top soil 1; fine sand 100.
Con III	Propane Ltd.	"						"		
Con III	Shur-Gain Mill	"	Jun. 14, 1954	4	10	11	1	"	T	Blue clay stones 20; blue sand clay 40.
Con III	D. Garrett	"	Sep. 2, 1954	4		Flows	Flows	"	D	Top soil 1; clay 9; gravelly clay 24; coarse sand 30.
Con III	L. Downing	"	Nov. 5, 1954	2	3	"	"	"	D	Fill 3; clay 18; fine sand 35.
Con III	D. Ough	"	Aug. 9, 1954	2	3	20	20	"	D	Yellow clay stones 45; yellow sand 52.
Con III	G. Ingram	"	Sep. 10, 1954	10	18	14	14	"	D	Top soil 1; fine sand 11; blue clay gravel 81; coarse sand 87.
Con III	Chefergo/Sons	"	Feb. 9, 1953	4	130	99	99	"	D	Fine sand 10; coarse sand 139.
Con III	W. Crook	"	Aug. 2, 1954	4	8	140	120	"	D	Top soil 2; blue clay 25; yellow sand 27; blue clay sand stones 67; blue clay stones 90; blue clay 164; blue sand 176.

YORK COUNTY-cont.

Vaughan Twp.-cont.

Con	IV	lot	20	P. McFarlane	C.E. Snider	Dec. 23, 1953	4	6	100	85	Fresh	D, S	Top soil 12; clay boulders 15; blue sand gravel 77; hard layers sand 79; coarse sand 85; blue clay gravel 98; hard sand 12; blue clay gravel 175; coarse sand 185; silt sand 191; hard layer sand gravel 192; fine gravel 197.
Con IV	"	20		F. Line	F. Constable	Aug. 20, 1954	4		38	2	"	D	Top soil 1; sand 22; blue clay 250. Dry hole.
Con IV	"	22		J. Holmes	"	Sep. 21, 1954	4				"	"	Top soil 1; sand 22; blue clay 250. Dry hole.
Con IV	"	22		Maple Community Centre	"	Mar. 26, 1954	4	1 1/2			"	D	Top soil 1; sand 22; blue clay 250. Dry hole.
Con IV	"	25		M. Hore	"	Aug. 7, 1954	4	5	40	20	"	D	Top soil 1; sand 22; blue clay 250. Dry hole.
Con IV	"	25		E. Garson	"	Dec. 14, 1954	4	8	46	33	"	D	Top soil 1; sand 22; blue clay 250. Dry hole.
Con IV	"	27		A. Diamond	"	Dec. 12, 1953	4	10	22	18	"	D	Top soil 1; sand 22; blue clay 250. Dry hole.
Con IV	"	30		P. Kirby	"	Aug. 26, 1954	2	3	60	60	"	D	Top soil 1; sand 22; blue clay 250. Dry hole.
Con V	"	3		V. Demelis	T.H. Rutledge	Mar. 1, 1953	5	5	70	72	"	D	Top soil 1; sand 22; blue clay 250. Dry hole.
Con V	"	4		Rainbow Theatre	Brodie & Dennis	Apr. 13, 1954	6 1/2	30	180	18	"	P	Top soil 1; sand 22; blue clay 250. Dry hole.
Con V	"	4		Chain	"						"	"	Top soil 1; sand 22; blue clay 250. Dry hole.
Con V	"	4		Rainbow Developmental Ltd.	C.E. Snider	Jul. 5, 1954	6 1/2	3	22	10	"	P	Top soil 1; sand 22; blue clay 250. Dry hole.
Con V	"	20		E. McKinnon	F. Constable	Jun. 16, 1953	4	10	85	65	"	D, S	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VI	"	9		J.C. Ait	M. Babuk	Sep. 17, 1954	24				"	"	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VI	"	22		Dr. Baird	"						"	"	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VI	"	31		W. Burridge	F. Constable	Feb. 18, 1954	4	5	30	20	Fresh	D	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VII	"	1		G. Tazzard	H.C. Blakely	Dec. 20, 1954	4	3	80	60	"	D	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VII	"	1		"	"	Mar. 25, 1953	6		11	11	"	D	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VII	"	1		"	C.E. Snider	Jun. 11, 1953	6	4	73	60	"	Ir, D	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VII	"	5		M.N. Snider	"	Apr. 14, 1954	4 1/2	30	66	60	"	D, C	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VII	"	13		P. Pengelly	C.H. Rutledge	Jan. 3, 1954	4	116	48	48	Salt	D	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VII	"	15		J. Barber	F. Constable	Apr. 26, 1954	4	3	63	53	Fresh	D	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VII	"	16		L. Durham	"	Jul. 13, 1953	4	4	120	95	Salt	"	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VII	"	22		J. McRuer	"	Apr. 15, 1954	4				"	"	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VII	"	26		G. Jensen	"	Dec. 3, 1953	4	8	87	57	Fresh	D, S	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VIII	"	2		T. Standish	C.E. Snider	Mar. 11, 1953	6	2	68	65	"	D	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VIII	"	3		J. Johnson	"	Mar. 9, 1954	4	2	32	25	"	D	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VIII	"	5		C.H. Hoover	"	Jan. 5, 1953	6				"	T	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VIII	"	5		"	"	Jan. 7, 1953	6				"	T	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VIII	"	5		"	"	Jan. 15, 1953	6				"	T	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VIII	"	5		"	"	Jan. 22, 1953	6				"	T	Top soil 1; sand 22; blue clay 250. Dry hole.
Con VIII	"	5		C.E. Snider	"	Jan. 27, 1953	6	5	44	32	Fresh	D	Top soil 1; sand 22; blue clay 250. Dry hole.

1.2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C -- RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY--cont. Vaughan Twp. cont.										
Con VIII lot 5	C.E.Snider	C.E.Snider	Feb. 6, 1953	6						Top soil 1; yellowish clay 12; blue clay boulders 24; blue clay 40; gravel boulders 45; blue clay 52; gravel 61; shale 62; abandoned.
Con VIII " 5	"	"	Feb. 18, 1953	6						Top soil 1; yellowish clay 12; blue clay stone 40; blue clay boulders 50; fine sand clay 52; fine packed sand gravel 60; shale. Abandoned.
Con VIII " 5	"	"	Feb. 26, 1953	6	4		32	Fresh		Top soil 2; yellowish clay 12; boulder clay 35; blue clay 39; blue clay gravel 46; gravel clay 48; gravel 54; shale. Abandoned.
Con VIII " 5	"	"	Mar. 6, 1953	6	10	42	30	"	D	Top soil 2; yellowish clay 12; boulder clay 17; gravel 18; blue clay stones 45; blue clay gravel 55; sand stone 60; gravel sand 64.
Con VIII " 15	J.B.Burns	B.Huffman & Sons	Sep. 25, 1953	5	4	131	96	Salt		Yellow clay 22; blue clay 47; stony blue clay 107; blue shale. 131. Abandoned.
Con VIII " 15	G.Snelgrove	M.Babiuk	Oct. 1, 1953	24			30	Fresh	D	Blue clay sandy soil 17; grey clay few pebbles 45; grey clay sand layers 50.
Con VIII " 15	J.E.Burns	B.Huffman & Sons	Oct. 5, 1953	5						Yellow clay 14; blue clay 52; stony blue clay 87; blue shale. Dry hole.
Con VIII " 15	"	"	Oct. 13, 1953	5						Yellow clay 16; blue clay 45; stony blue clay 91; blue shale. Dry hole.
Con VIII " 15	"	"	Oct. 21, 1953	5	4	66	26	Salt	D	Yellow clay 31; yellow sand 35; blue clay 66; blue shale.
Con VIII " 15	"	"	Oct. 23, 1953	5	4	29	20	Fresh	D	Yellow clay 31; yellow sand 35.
Con VIII " 15	H.Dovlittle	P.Constable	Oct. 28, 1954	4	8	118	110	Salt	D	Top soil 1; gravel clay 40; blue clay 130; fine brown sand 145; black sand 150.
Con VIII " 16	D.MacCallum	C.H.Rutledge	Feb. 10, 1954	5	5	100	75	Fresh	D, S	Top soil 2; brown clay 20; blue clay 105; soft blue clay small stones 145; hardpan fine sand 150; blue shale 175.
Con VIII " 20	H.Marvin	C.E.Snider	Jun. 26, 1954	4			108	"		Dug well 24; blue clay boulders 85; blue clay sand 132; fine silt sand 136; fine gravel clay 138; blue clay sand 143; shale. Abandoned.
Con VIII " 20	"	"	Jun. 28, 1954	4						Top soil 2; yellow clay sand 10; blue clay stones 90; blue clay some sand 145; shale 148. Abandoned.
Con VIII " 20	"	"	Aug. 21, 1954	4			90	Fresh		Top soil 2; yellow clay sand 10; blue clay stones 100; boulders clay 115; blue clay 130; coarse black sand clay layers silt 137; grey clay sand 145; shale. Abandoned.
Con VIII " 20	"	"	Aug. 24, 1954	4	2	69	66	"	D	Top soil 1; yellow clay stone 10; boulders clay 27; reddish quicksand 42; blue clay stone 56; blue clay sand 63; boulders 65; cemented gravel 74; blue clay sand 81; fine gravel clay 83; blue and grey clay sand 84.
Con VIII " 24	VanHaastreht	M.Babiuk	Jul. 31, 1953	24			16	"	D	Brown clay 10; blue clay 24.
Con VIII " 24	N.S.Elliott	"	Nov. 3, 1953	24			125	"	D	Brown clay little sand 18; grey clay pebbles 49; fine grey sand 50.
Con VIII " 24	R.McMichael	C.E.Snider	May 18, 1954	4						Top soil 1; yellowish clay 50; yellowish clay boulders 54; yellow sand 56; yellow clay layers 58; yellow sand 87; blue clay 112. Dry hole.
Con VIII " 24	"	"	May 18, 1954	4						Top soil 1; yellowish clay boulders 50; yellow clay sand 87; blue clay 120; hardpan 150; blue shale 155. Dry hole.
Con VIII " 30	L.P.Allan	B.Huffman & Sons	May 18, 1954	4						Pill 6; top soil 7; yellow clay sand 83; blue clay 107. Dry hole.
Con VIII " 2	P.Barker	M.Babiuk	Dec. 16, 1954	5						Brown clay 27; blue clay 117; silt 170; Dry hole.
Con IX " 3	A.Burbidge	C.E.Snider	Sep. 2, 1954	24	20	55	54	Fresh	D, S	Brown clay 12; grey and blue clay 54; coarse gravel 59; red clay 60.
Con IX " 3	A.Burbidge	C.E.Snider	Nov. 26, 1954	4	8	34	30	"	D	Top soil 1; yellow clay stones 20; yellow sand gravel 30; clay sand layers 42; blue clay 48; sand gravel 50.
Con X " 21	K.Rayfield	C.E.Snider	Apr. 5, 1954	4	1	35	15	"	D	Top soil 2; yellowish clay sand 15; blue clay sand 40; blue clay 84; cemented gravel 86; loose silty gravel 88; blue shale 93.

YORK COUNTY-cont.
Vaughan Twp.cont.
Con IX lot 32

	L. Stauton	International Water Supply Ltd	Mar. 16, 1954	4	43	2½	Flows	Fresh	D	
Whitechurch Twp.										
Con I lot 61	I. Bracey	Jefferson Drl.	Jun. 22, 1953	2	4	126	125	Fresh	D	Top soil librown clay 3; fine silty sand small clay streaks 44; soft clay streaks of silty sand 60; fine silty sand clay 84; sand silt clay 99; fine silty sand clay 151; fine silty sand fine gravel clay 168; fine sand fine gravel streaks 192; boulders sand gravel clay streaks 203.
Con I " 61	S. Taylor	"	Jul. 17, 1953	2	5	124	124	"	D	Clay 30; sand 147.
Con I " 61	S. Reaven	"	Jul. 21, 1953	2	5	133	133	"	D	Clay 5; sand 159.
Con I " 61	J. Bracey	R.W. Renwick	Mar. 8, 1954	2	3	20	20	"	D	Clay 20; sand 123; clay 133; sand 154.
Con I " 61	A. Young	Jefferson Drl.	Mar. 15, 1954	2	5	121	121	"	D	Brown sand clay 45; brown medium sand 108; light-brown sand some grey sand 120.
Con I " 61	E. Dawson	"	Jun. 8, 1954	2	5	137	128	"	D	Clay 20; sand 161.
Con I " 61	N. Knight	"	Sep. 7, 1954	2	5	161	130	"	D	Clay 137.
Con I " 64	Hanson	Richmond Hill Well Drillers	Aug. 18, 1954	4	4½	86	34	"	D	Clay 30; sand 161.
Con I " 69	F. Symondes	Jefferson Drl.	Jan. 22, 1953	2	4½	68	68	"	D	Top soil 3; fine sand 42; clay 45; silty clay 96; clay 122; sand 147.
Con I " 74	W.B. Gall	F. Constable	Aug. 28, 1953	4	3	37	22	"	D	Gravelly clay 85; sand 90.
Con I " 78	E. Offenheim	"	Nov. 12, 1954	4	15	70	15	"	D	Brown top soil 1; yellow clay 16; blue clay 62; fine sand 67; fine blue sand 79.
Con I " 87	W.D. Booth	B. Huffman & Sons	Jun. 22, 1954	5	12	61	56	"	D, S	Top soil 3; brown sand 20; blue clay 148; yellow sand 160; blue clay 200; fine sand 212.
Con II " 18	E. Offenheim	F. Constable	Oct. 7, 1953	4	6	65	15	"	D	Yellow clay 30; brown sand 40; hard blue clay 85; boulders 95; hard stony blue clay 185; boulders stony blue clay 219; hard stony blue clay 265; soft clear blue clay 299; blue quicksand 345; coarse sand 350; coarse gravel 353.
Con II " 18	"	"	Oct. 23, 1953	4	6	65	25	"	S	Brown top soil 2; yellow clay 10; yellow sand 14; blue clay 99; blue clay little sand 112; blue clay little sand 140; blue clay 159; blue sand 167; blue clay little sand stones 192; fine blue sand 209.
Con II " 18	"	"	Nov. 10, 1953	4	6	118	78	"	S	Brown top soil 2; yellow clay 10; yellow sand 12; blue clay 90; blue sand little stones 93; blue clay little stones 126; blue sand 130; blue clay stones 141; blue sand 145; blue clay little stones sand 167; fine blue sand 175.
Con II " 34	D. Adams	F. Hollingshead	Jun. 22, 1953	2	4	18	6	"	D	Brown top soil 1; yellow sand 65; blue clay 150; blue clay little stones 165; fine sand 168; blue clay sand little stones 172; blue clay 215; fine blue sand 221.
Con II " 1	Church	G. Fockler	May 28, 1953	2	3	60	60	"	F	Top soil 2; gravel 32.
Con II " 5	D. Heburn	D. Graham	Jan. 24, 1953	2	3	85	85	"	D	Sand red clay 8; fine grey sand 60; coarse grey sand 70.
Con III " 28	W. Williams	W. Gartshore	Jan. 21, 1953	2	6	85	85	"	D, S	Sand red clay 8; fine grey sand 60; coarse grey sand 70.
Con III " 11	W. Shields	D. Graham	Mar. 12, 1953	2	2	75	75	"	D	Hard clay small stones 50; gravel 54; blue clay 70; sand.
Con IV " 11	"	"	Apr. 30, 1953	2	2	97	97	"	D	Grey clay 20; grey sand 85.
Con IV " 11	"	"	Apr. 30, 1953	2	2	90	90	"	D	Grey clay 40; grey sand 90; silty grey quicksand 125.
Con IV " 26	A. Baxter	W. Gartshore	Sep. 17, 1953	2	7	39	39	"	D, S	Reddish clay 22; layers of grey clay and grey quicksand 130; very hard stony grey clay 22; reddish sand with fine gravel 230.
Con IV " 27	L.H. Clark	"	Oct. 5, 1953	2		50	50	"	D, S	Previously drilled 138; very hard and stony 161; gravel 163; medium clay some stones 198; sand 203.
Con IV " 30	L. Cody	"	Sep. 2, 1953	2	6	40	40	"	D	Reddish clay 20; grey clay 137; reddish sand 142.

1,2. Footnotes giving the meanings of location abbreviations and of symbols designating uses of wells may be found at the end of Appendix C.

APPENDIX C - RECORDS FOR WATER WELLS DRILLED IN 1953 AND 1954

LOCATION	OWNER	DRILLER	COMPLETION DATE	CASING DIA- METER	PUMP- ING TEST	PUMP- ING LEVEL	STATIC LEVEL	KIND OF WATER	USE OF WATER	Log and Remarks (Depths to which formations extend below the surface are given in feet)
YORK COUNTY-cont. Whitchurch Twp.										
Con V lot 1	H. Clending	G. Pockler	Dec. 22, 1953	2			Flows	Fresh	D, S	Dug well 24; blue clay 44; sand 46.
Con VI "	G. Ramsey	"	Sep. 9, 1954	2			"	"	D	Blue clay stones 50; soft clay 56; gravel 60.
Con VI "	E. Hastings	"	Jul. 24, 1954	2			106	"	D	Blue clay stones 57; coarse gravel 58.
Con VI "	J. Rae	"	Jan. 9, 1953	2	3	111			D, S	Red clay 6; grey sand gravel clay 11; grey gravel 117.
Con VI "	T. Kerr	D. Graham	Jul. 23, 1953	2	4	35			D	Sand 65.
Con VI "	H. Jeffers	"	Jul. 14, 1954	2	4	35			D	Sand 75.
Con VI "	J. R. Watson	"	Jul. 7, 1954	2	4	35			D	Sand 45.
Con VI "	I. Law	"	Aug. 4, 1954	2	3	59			D	Sand 65.
Con VI "	R. R. Smith	"	Jun. 10, 1953	2	2 1/2	59			D	Sand 98.
Con VI "	Mrs. Newton	"	Jul. 15, 1953	2	3	83			D	Grey sand 85.
Con VI "	G. N. Moore	"	Jun. 15, 1954	2	3	80			D	Sand 45.
Con VII "	J. E. Allen	"	Sep. 16, 1954	2	3	35			D	Clay 40; gravel 45.
Con VII "	R. Fairbanks	C. E. Snider	Aug. 3, 1954	4	15	Flows		"	D	Top soil 2; yellowish clay sand 5; blue clay sand 18; gravel 21; stones clay sand 40; boulders 43; fine sand clay 44; boulders clay 55; fine gravel 70; boulders clay 120.
Con VII "	"	"	Aug. 3, 1954	6	5	Flows		"	D	Top soil 2; yellow clay sand 12; blue clay stone 57; fine sand 65; coarse sand with clay layers 79; clay sand 90; sand 95; hardpan 100.
Con VII "	E. Pegg	D. Graham	Feb. 17, 1954	2	2	70		"	D	Clay 70; sand 80.
Con VII "	W. A. Weat	"	Jul. 7, 1954	2	3	37		"	D	Sand 45.
Con VII "	I. Urquhart	"	Apr. 24, 1954	2	4	45		"	D	Sand 55.
Con VII "	H. Grad	"	Aug. 4, 1953	2	3	23		"	D	Sand 35.
Con VII "	N. Hood	"	Oct. 20, 1954	2	3	85		"	D	Sand 115.
Con VII "	N. Rowan	"	Dec. 13, 1954	2	4	17		"	D	Sand 27.
Con VII "	A. Abraham	G. Pockler	Feb. 3, 1954	2			17	"	D	Dug well 21; blue clay 48; sand gravel 49.
Con VII "	E. Davies	"	Aug. 12, 1954	2			8	"	D	Clay stones 40; blue clay 65; fine sand 70; coarse sand 75.
Con VII "	C. Bell	G. Pockler	Aug. 31, 1954	2				"	D	Clay stones 40; blue clay 65; fine sand 71; coarse sand 76.
Con VII "	A. Reeso	"	Feb. 13, 1954	2	3	50		"	D	Sand 14; clay 54; sand 57.
Con VII "	F. Costigan	D. Graham	May 22, 1954	2	4	65		"	D	Clay 75; sand 80.
Con VII "	J. Jeffery	"	May 28, 1954	2	4	63		"	D	Clay 65; sand 75.
Con VII "	S. James	"	Jul. 21, 1954	2	4	30		"	D	Clay 40; sand 73.
Con VII "	A. McLennan	F. R. Roadway	Mar. 30, 1953	4 1/2	5	30		"	D	Hard sand gravel 28; sand gravel 45.
Con VII "	School S. #11	"	Apr. 5, 1953	4 1/2	5	30		"	P	Hard sand gravel 28; sand gravel 45.
Con VII "	A. McLennan	"	May 25, 1954	5 1/2	3	28		"	P	Hard sand stones 30; coarse sand gravel 56.
Con VII "	School S. #5	G. Pockler	Jul. 17, 1954	2	25	30		"	P	Fine sand 20; blue clay sand 50; fine sand 61; medium sand 71.
Con IX "	W. Ferguson	"	Mar. 31, 1954	5	3	46		"	P	Blue clay stones 30; blue clay 66; sand 68 1/2.
Con IX "	Western Sand & Gravel Ltd.	C. Goodberry	Mar. 3, 1953	6	10	100		"	C	Sand little gravel 240.
Con IX "	S. Fronske	D. Graham	Jun. 17, 1953	2	4	55		"	D	Grey clay 60; sand 65.
Con IX "	C. W. Dunford	"	May 15, 1954	2	5	67		"	D	Clay stones 70; sand 77.
Con IX "	N. Dayk	"	Jul. 30, 1954	2	3	85		"	D	Clay stones 50; sand 95.
Con IX "	G. Villanere	F. R. Roadway	Oct. 17, 1953	5 1/2	5	21		"	P	Hard sand clay 30; sand gravel 49.
Con X "	N. Tustin	F. Constable	Oct. 27, 1954	4	10	70		"	P	Top soil 4; yellow clay 40; blue clay pebbles 90; coarse gravel 130
Woodbridge	Village of Woodbridge	C. E. Snider	Jul. 11, 1953	6 1/2			35	"	T	Top soil gravel fill 8; gravel 20; free running gravel 30; dirty cemented gravel 57; shale.
Woodbridge	"	"	Jul. 18, 1953	6 1/2				"	T	Top soil 2; greyish clay sand 10; thin layer of gravel 12; clay gravel 57; shale.
Woodbridge York Twp.	A. Maynard	H. C. Blakely	Nov. 29, 1953	4	10	8		Fresh	P	Dug well 10; gravel 20.
Con V lot 3	Wintrob & Sons	C. E. Snider	Jun. 8, 1953	6 1/2	20	120	30	Salt	C	Yellowish top soil 3; yellowish sand/gravel 50; blue clay stones 75; blue shale 202.

The following abbreviations are used to designate concessions and locations of wells:

[illegible]

G.R.W.	Bentick Tp.	Carafraxa Road West	M.S.B.	Miles Square Block
G.R.W.	Normanby Tp.	Grand River West	M.T.	Mair Tract
G.R.W.S.	Pilkington Tp.	Grand River West Subdivision	M.T.	Military Tract
H.B.E.		Hallowell Bay East	N.B.	North Boundary
H.I.		Hill Island	N.C.	Neebish Concession
H.L.		Hink's Location	N.D.	Northern Division
H.R.E.		Hastings Road East	N.E.B.	Northeast Boundary
H.R.F.		Huron Road Front	N.E.R.	Northeast Range
H.R.S.		Hamilton Road South	N.F.L.C.S.	Niagara Fruit & Land Co. Survey
H.R.W.		Hastings Road West	N.R.	Naval Reserve
H.S.E.		Huron Road Street East	N.R.F.	North of Road
H.S.W.		Huron Road Street West	N.S.	Niagara River Front
H.T.		Haldimand Tract	N.S.	New Survey
I.S.		Indian Strip	N.T.	North Side
J.R.		Jones Range	N.T.P.	Nelles Tract
J.W.T.		James Wilson Tract	N.T.P.	North of Town Plot
K.R.N.		Kaministiquia River North	N.T.R.	North Talbot Road
K.T.		Kerr Tract	N.W.B.R.	Northwest Bay Range
L.E.F.		Lake Erie Front	O.F.	Ottawa Front
L.F.		Lake Front	O.N.	Opeongo Road North
L.H.F.		Lake Huron Front	O.S.	Old Survey
L.I.		Long Island	O.S.R.E.	Owen Sound Road East
L.O.F.		Lake Ontario Front	O.S.R.W.	Owen Sound Road West
L.R.	(Bruce Tp.	Lake Range	P.C.	Petite Cote
L.R.	Huron Tp.		P.E.B. (A)	Prince Edward Bay (Around)
L.R.	Saugeen Tp.		P.R.	Plank Road
L.R.	Hay Tp.		P.R.E.	Penetanguishene Road East
L.R.	Stephen Tp.	Lake Road	P.R.E.	Plank Road East
L.R.E.	Bosanquet Tp.	Lake Road East	P.R.S.	Portage Road South
L.R.E.	Colborne Tp.	Lakeshore Road East	P.R.W.	Plank Road West
L.R.N.		Longwoods Road North	P.R.W.	Penetanguishene Road West
L.R.S.		Longwoods Road South	P.T.	Phelps Tract
L.R.W.	(Bosanquet Tp.	Lake Road West	R.A.	Range A.
L.R.W.	Stanley Tp.		R.B.	Range B.
L.R.W.	Colborne Tp.	Lakeshore Road West	R.F.	Rideau Front
L.T.		Lovejoy Tract	R.P.	Registered Plan
M.C.		Maitland Concession	R.R.	River Range
M.L.E.		Muskat Lake East	R.R.N.	Raisin River North
M.K.E.		Mowhawk Mission East	R.R.N.	Rainham Road North
M.P.R.E.		Mount Pleasant Road East	R.R.S.	Raisin River South
M.P.R.W.		Mount Pleasant Road West	R.R.S.	Rainham Road South
M.R.		Military Reserve	R.T.	Racey Tract
M.R.N.	(Colchester Tp.	Malden Road North	S.B.	South Boundary
M.R.N.	Maldenstone Tp.		S.B.F.	South Bay Front
M.R.N.	Rocheester Tp.	Middle Road North	S.B.N.	Smith Bay North
M.R.S.	(Tilbury East Tp.	Malden Road South	S.C.R.N.W.	Stoney Creek Road Northwest
M.R.S.	Colchester North Tp.	Middle Road South	S.C.R.S.	Stoney Creek Road South
M.R.S.	Maldenstone Tp.		S.D.	Southern Division
			S.I.	Stovin Island

S.I. Wolfe Island Tp
 S.L.R.N.
 S.R.
 S.R.E. Artesesia Tp.
 S.R.E. Holland Tp.
 S.R.S. Melancthon Tp.
 S.R.T. Sunnidale Tp.
 S.R.W.
 S.S.R.
 S.W.R.
 T.R.
 T.R.E.B. Bayham Tp.
 T.R.N. Gosfield North Tp
 T.R.N. Howard Tp.
 T.R.N. Maidstone Tp.
 T.R.N. Mersea Tp.
 T.R.N. Middleton Tp.
 T.R.N. North Cayuga Tp.
 T.R.N. Orford Tp.
 T.R.N. Sandwich South Tp.
 T.R.N. Yarmouth Tp.
 T.R.N. Hay Tp.
 T.R.N. North Dorchester Tp.
 T.R.N.B.
 T.R.R.
 T.R.S. Fullerton Tp.

Simcoe Island
 St. Lawrence River North
 South of Road
 Sydenham Road East
 Sunnidale Road East
 Snider Road South
 Stewart & Ruggles Tract
 Sydenham Road West
 South Side
 Southwest Range
 Townline Range
 Talbot Road East Branch
 Talbot Road North
 Thames Road North
 Thames River North
 Talbot Road North Branch
 Talbot Road Range
 Thames Road South

Gosfield North Tp.
 Maidstone Tp
 Malahide Tp.
 Mersea Tp.
 Middleton Tp.
 North Cayuga Tp.
 Sandwich South Tp.
 South Cayuga Tp.
 Yarmouth Tp.

Talbot Road South

Thames River Survey
 Thames River South
 Upper End
 West
 West Boundary Concession
 Western Boundary
 West Boundary
 Western Division
 West of Gore Line
 West Lake Northwest
 West Lake South Side
 West Range
 West of River
 West Section
 Yonge Street East
 Yonge Street West

T.R.S. (Harwich Tp.
 T.R.S. (Raleigh Tp.
 T.R.S. North Dorchester Tp.
 U.E.
 W.
 W.B. Blanshard Tp.
 W.B. Harwich Tp.
 W.B. Raleigh Tp.
 W.D.
 W.G.L.
 W.L.N.W.
 W.L.S.S.
 W.R. (Oneida Tp.
 W.R. (Woolwich Tp.
 W.S.
 Y.S.E.
 Y.S.W.

2 Uses of Water

The following abbreviations are used to designate uses of well water:

C.....	Commercial	Ir.....	Irrigation	S.....	Stock
D.....	Domestic	P.....	Public Supply	T.....	Test hole
In.....	Industrial				

3 Log and Remarks

The following abbreviations are used to designate soil character:

/.....and	limest.	.....limestone	sandst.	.....sandstone
bould.	.....boulders	med.	.....medium	w/.....with
hardp.	.....hardpan	S.	.....sand	

APPENDIX - D. TABLE V - AREAS AND MONTHLY MEAN ELEVATIONS OF SOME OF THE GREAT LAKES ¹

Lake and Period	Total Area sq. miles	Monthly Mean Elevation Above Sea Level											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Superior:		feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet	feet
1860-1952 incl.	31,820	602.53	602.32	602.23	602.36	602.67	602.88	603.17	603.28	603.28	603.06	602.80	602.54
1953 .....	.....	501.99	601.84	601.74	601.85	602.16	602.80	603.15	603.26	603.02	602.70	602.26	602.06
1954 .....	.....	601.80	601.60	601.40	601.51	602.23	602.73	602.91	602.77	602.56	602.38	602.20	601.91
Huron:													
1860-1952 incl.	23,010	580.48	580.49	580.56	580.94	581.32	581.53	581.74	581.77	581.66	581.44	581.22	581.15
1953 .....	.....	581.32	581.24	581.22	581.48	581.71	581.95	582.16	582.18	581.91	581.50	581.16	580.99
1954 .....	.....	580.57	580.46	580.70	580.77	581.18	581.45	581.66	581.62	581.44	581.74	581.63	581.46
Erie:													
1860-1952 incl.	9,940	572.60	572.64	572.99	573.47	573.65	573.68	573.63	573.33	573.09	572.75	572.61	572.68
1953 .....	.....	572.87	573.12	573.13	573.38	573.45	573.83	573.77	573.55	573.25	572.67	572.60	572.78
1954 .....	.....	572.15	572.05	572.70	573.27	573.63	573.55	573.40	573.16	572.91	573.14	573.28	573.18
Ontario:													
1860-1952 incl.	7,540	246.16	246.45	246.86	247.65	248.07	248.12	247.95	247.47	247.01	246.53	246.18	246.17
1953 .....	.....	246.40	246.47	246.64	247.18	247.57	247.73	247.42	247.00	246.64	246.00	245.61	245.58
1954 .....	.....	245.33	245.53	246.31	246.93	247.68	247.59	247.21	246.72	246.38	246.31	246.35	246.42

¹ Information by courtesy of the Canadian Hydrographic Service of the Canadian Department of Mines and Technical Surveys.

APPENDIX- D. TABLE VI- AVERAGE TEMPERATURE READINGS, IN DEGREES
FAHRENHEIT, FOR CERTAIN LOCALITIES IN ONTARIO. ¹

Station and Period of Years Observed ²	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual
Fort William:													
1953	10	12	24	36	47	58	63	65	52	45	33	15	38
1954	0	19	19	33	42	59	64	62	51	42	32	16	37
Av. for 62- year period	7	9	20	35	47	57	63	60	53	42	27	14	36
Cochrane:													
1953	10	9	21	36	47	56	62	62	48	42	31	10	36
1954	7	12	12	32	44	59	58	56	47	42	25	10	35
Av. for 28- year period	0	3	15	32	46	58	63	59	51	39	23	8	33
North Bay:													
1953	14	19	28	38	53	61	65	65	55	47	36	20	42
1954	4	22	21	37	48	62	63	61	52	44	32	15	38
Av. for 17- year period	12	12	24	38	51	62	67	65	56	43	31	16	40
Parry Sound:													
1953	20	22	29	39	53	61	66	66	58	49	40	26	44
1954	10	25	23	40	49	63	64	63	55	47	36	19	41
Av. for 63- year period	15	14	24	39	52	62	67	65	58	46	33	21	41
Ottawa:													
1953	19	22	32	42	57	65	70	68	59	49	40	26	46
1954	7	22	25	41	53	64	66	64	55	49	36	18	42
Av. for 65- year period	12	13	24	41	55	65	70	66	58	46	32	17	42
Kingston:													
1953	26	25	34	42	54	64	70	68	62	51	43	34	48
1954	15	28	31	43	52	64	67	66	60	53	40	25	45
Av. for 62- year period	19	18	28	41	53	63	68	67	61	49	37	24	44
Toronto:													
1953	30	31	36	45	57	67	72	72	63	54	44	34	50
1954	21	33	32	46	54	68	71	68	62	54	41	29	48
Av. for 105- year period	23	22	30	42	53	63	69	67	60	48	37	27	45
Welland:													
1953	31	30	37	44	56	67	71	70	62	54	44	34	50
1954	23	32	32	47	54	68	70	67	62	54	41	29	48
Av. for 45- year period	24	22	32	44	56	65	71	69	62	52	39	28	47
Stratford:													
1953	24	25	31	40	54	64	68	67	58	51	39	28	46
1954	16	27	26	43	50	64	65	63	57	49	37	23	43
Av. for 64- year period	21	20	29	42	54	64	69	67	61	48	36	25	45
Owen Sound:													
1953	26	27	32	40	53	63	67	68	60	51	42	31	47
1954	18	20	26	44	50	64	65	65	59	50	39	26	45
Av. for 54- year period	20	19	27	40	52	61	67	65	59	48	35	25	43
London:													
1953	27	28	34	42	55	66	69	69	60	52	41	31	48
1954	21	30	29	46	52	67	68	66	60	52	39	25	46
Av. for 54- year period	22	21	30	44	55	65	69	67	61	49	37	26	46
Chatham:													
1953	30	31	38	44	53	69	72	72	64	56	44	33	51
1954	25	33	32	48	55	70	71	70	65	54	41	30	50
Av. for 48- year period	25	24	34	46	58	67	73	71	64	52	40	29	48
Windsor:													
1953	29	31	38	44	58	70	72	72	64	55	43	32	51
1954	26	33	32	49	54	70	71	70	65	54	40	29	49
Av. for 47- year period	24	24	33	46	57	68	72	70	63	51	38	27	48

1 Information by courtesy Meteorological Div. Can. Dept. Transport.

2 Periods of years end mostly in 1937 or 1938.

3 Information not available.

APPENDIX- D. TABLE VII- PRECIPITATION IN INCHES FOR CERTAIN LOCALITIES IN ONTARIO¹

Station and Period of Years Observed ²	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Fort William:													
1953	1.9	0.8	2.2	1.0	6.3	3.1	0.7	1.8	3.8	0.8	2.0	2.5	26.9
1954	4.2	1.7	0.9	4.2	3.8	2.9	1.2	3.1	2.8	1.5	2.6	0.8	29.7
Av. for 59- year period	0.9	0.8	1.0	1.5	2.1	2.8	3.6	2.8	3.4	2.5	1.5	1.0	23.7
Cochrane:	(3)	(3)											
1953			2.5	1.1	2.0	2.2	3.8	1.3	8.7	0.8	3.1	3.3	(3)
1954	2.0	2.1	2.7	2.2	3.5	6.3	6.5	3.5	4.4	4.3	2.5	0.5	40.5
Av. for 28- year period	1.7	1.0	1.5	1.7	2.2	2.8	3.5	3.0	3.2	2.7	2.4	2.7	27.4
North Bay:													
1953	3.3	1.7	3.2	2.7	1.9	1.0	3.3	1.5	4.6	1.3	1.9	3.9	30.3
1954	2.5	3.1	1.8	4.6	3.0	5.5	3.3	3.0	6.1	4.6	3.5	2.9	43.9
Av. for 23- year period	2.0	1.5	1.8	2.2	2.5	3.2	3.2	2.7	3.7	3.2	2.7	2.1	30.8
Parry Sound:													
1953	2.2	3.2	4.2	3.0	2.9	1.7	2.8	0.9	5.4	1.1	4.2	4.8	36.4
1954	2.3	2.2	2.5	5.4	3.1	4.8	1.4	3.6	6.8	6.5	2.2	2.8	43.6
Av. for 63- year period	3.9	2.9	2.7	2.3	2.9	2.6	2.6	2.7	3.7	4.0	4.1	4.4	38.8
Ottawa:													
1953	2.4	0.9	4.2	2.6	2.0	2.6	2.0	2.5	4.1	1.2	1.3	3.5	29.3
1954	3.3	3.3	3.1	4.6	3.2	3.9	1.6	3.7	4.8	2.6	4.3	5.3	43.7
Av. for 65- year period	2.9	2.2	2.8	2.7	2.5	3.5	3.4	2.6	3.2	2.9	3.0	2.6	34.2
Kingston:													
1953	1.5	1.2	3.2	2.7	5.2	1.0	1.1	3.7	3.7	0.8	1.9	2.5	28.5
1954	2.4	4.2	2.8	4.5	1.8	2.0	1.2	2.6	3.2	3.1	3.0	1.9	32.7
Av. for 62- year period	2.8	2.2	2.5	2.3	2.8	2.9	2.9	2.7	2.8	3.0	3.0	2.9	32.8
Toronto:													
1953	1.8	1.1	2.8	2.5	4.4	1.8	2.8	2.0	3.8	0.8	1.8	1.8	27.4
1954	2.3	2.5	3.6	4.1	0.9	3.4	0.3	3.8	1.9	6.1	1.9	2.4	
Av. for 105- year period	2.7	2.4	2.6	2.5	2.9	2.7	3.0	2.7	2.9	2.4	2.8	2.6	32.2
Welland:													
1953	2.6	1.2	3.3	1.6	6.1	1.6	2.1	3.8	4.0	0.5	2.6	2.5	31.9
1954	2.4	3.1	5.0	4.2	1.0	2.2	1.4	3.8	2.6	6.9	3.4	3.8	39.8
Av. for 45- year period	3.1	2.9	2.7	2.8	2.8	2.7	3.2	2.4	2.9	2.9	2.7	2.9	33.9
Stratford:													
1953	3.6	3.4	3.9	3.0	6.9	7.2	2.7	1.7	4.1	1.2	2.2	4.7	44.6
1954	3.5	6.3	6.2	4.8	0.7	3.9	2.9	1.8	4.0	8.2	2.5	3.3	48.1
Av. for 64- year period	3.2	2.7	2.9	2.7	3.1	3.2	3.4	3.0	3.3	3.3	3.6	3.4	37.7
Owen Sound:													
1953	1.4	1.8	3.4	2.8	3.0	2.9	3.9	2.0	5.2	0.9	2.3	4.2	33.8
1954	3.2	4.6	6.1	3.2	1.5	3.4	1.9	7.6	6.2	7.7	3.3	1.0	49.7
Av. for 54- year period	4.0	3.0	2.4	2.0	2.5	2.7	3.1	2.6	3.0	3.2	3.3	4.2	36.0
London:													
1953	3.1	1.8	3.1	2.9	2.2	3.0	4.0	2.4	6.6	0.3	1.7	3.2	34.3
1954	2.8	5.3	4.4	5.3	0.5	2.9	0.9	2.2	3.2	8.9	1.4	2.5	40.3
Av. for 54- year period	4.0	3.5	2.8	2.9	2.8	3.1	3.2	2.8	3.0	2.9	3.7	3.5	38.2
Chatham:													
1953	2.5	0.7	2.9	3.0	2.8	2.2	3.0	1.5	2.0	0.5	1.5	2.8	25.5
1954	2.4	4.1	6.1	3.6	1.2	1.2	1.5	0.7	1.4	8.2	1.9	1.8	34.1
Av. for 60- year period	2.2	2.1	2.2	2.3	2.5	2.6	2.8	2.5	2.6	2.4	2.3	2.2	29.2
Windsor:													
1953	2.2	1.1	3.0	2.9	4.0	2.9	3.0	3.3	1.9	0.8	1.0	1.6	27.7
1954	2.0	4.2	5.7	3.4	1.1	2.1	1.5	1.8	2.7	6.4	1.6	2.0	34.5
Av. for 47- year period	2.3	2.2	2.4	2.2	3.1	3.4	3.4	2.7	2.6	2.2	2.5	2.2	31.1

¹ Information by courtesy Meteorological Div. Can. Dept. Transport.

² Period of years end mostly in 1937 or 1938.

³ Information not available.

